

Feman

JAGODINA - SERBIA

Manufacturer of electrical accessories,
equipment, lighting, enclosures
and electrical installation tools



*Quality
above all*



tel: +381 35 8230 000

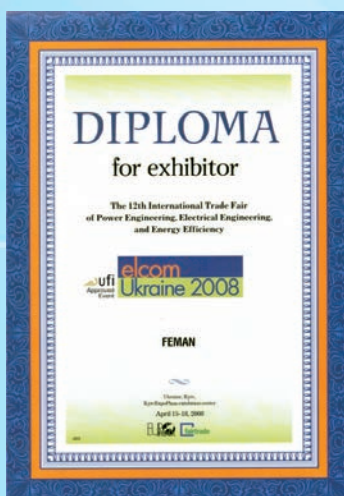


www.feman.net

Made in Serbia. Trusted Worldwide.



Certificates and Awards





The creator of this business idea is
founder, owner and CEO
electrical engineer Miodrag Nikolić

QUALITY ABOVE ALL !

1

CABLE TERMINALS, CONNECTORS AND CLAMPS

Page 5 - 26



6

INSTALLATION AND CONNECTION ACCESSORIES

Page 213 - 230



2

ACCESSORIES FOR OVERHEAD ABC LINE SYSTEMS

Page 27 - 72



7

INSULATOR SUPPORTS, BRACKETS, AND CLAMPS

Page 231 - 240



3

SPECIALIZED ELECTRICAL INSTALLATION TOOLS

Page 73 - 92



8

POLE LINE HARDWARE AND EARTHING EQUIPMENT

Page 241 - 252



4

STREET AND INDUSTRIAL LIGHTING

Page 93 - 134



9

ADSS CABLE HARDWARE & ACCESSORIES

Page 253 - 258



5

DISTRIBUTION, METERING & JUNCTION ENCLOSURES

Page 135 - 212



10

CABLE MEASURING AND REWINDING EQUIPMENT

Page 259 - 266



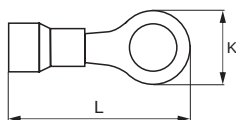
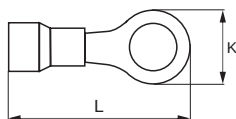
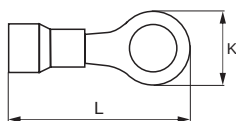
The logo for Femman, featuring the word "Femman" in a bold, orange, sans-serif font. The letter "F" is stylized with a thick horizontal bar that extends to the right, framing the rest of the word.

1

CABLE TERMINALS, CONNECTORS AND CLAMPS



INSULATED RING CABLE LUGS (DIN 46237)



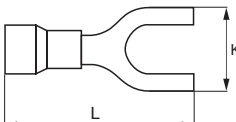
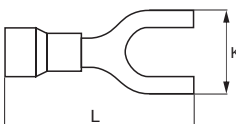
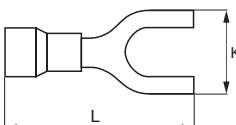
Code No.	Designation (mm ² /screw M)	L (mm)	K (mm)	Packaging pcs.	Weight g/100 pcs
1000153	FOP-1,5/3	11,3	5,5	100/2000	52
1000154	FOP-1,5/4	20,5	8,0	100/2000	74
1000155	FOP-1,5/5	20,5	8,0	100/2000	66
1000156	FOP-1,5/6	26,3	11,6	100/1500	102
1000158	FOP-1,5/8	26,3	11,8	100/1500	86

Code No.	Designation (mm ² /screw M)	L (mm)	K (mm)	Packaging pcs.	Weight g/100 pcs
1000253	FOP-2,5/3	21,6	5,5	100/1500	94
1000254	FOP-2,5/4	21,6	8,5	100/1500	78
1000255	FOP-2,5/5	22,2	9,5	100/1500	88
1000256	FOP-2,5/6	27,0	12,0	100/1000	126
1000258	FOP-2,5/8	27,0	12,0	100/1 000	98
1000259	FOP-2,5/10	31,0	13,6	100/1000	108

Code No.	Designation (mm ² /screw M)	L (mm)	K (mm)	Packaging pcs.	Weight g/100 pcs
1000464	FOP-6/4	27,0	9,5	100/500	146
1000465	FOP-6/5	27,4	9,5	100/500	176
1000466	FOP-6/6	33,3	12,0	100/500	208
1000468	FOP-6/8	35,0	15,0	100/500	260
1000469	FOP-6/10	35,0	15,0	100/500	224

They are used for terminating stranded conductors with smaller cross-sections and for connecting components of electrical circuits.

FORKED INSULATED CABLE TERMINALS



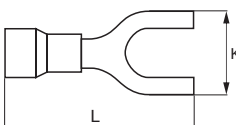
Code No.	Designation (mm ² /screw M)	L (mm)	K (mm)	Packaging pcs.	Weight g/100 pcs
1200153	FVP-1,5/3	20,0	6,2	100/2000	62
1200154	FVP-1,5/4	20,0	7,0	100/2000	62
1200155	FVP-1,5/5	21,0	8,0	100/2000	65
1200156	FVP-1,5/6	22,6	10,0	100/1500	77

Code No.	Designation (mm ² /screw M)	L (mm)	K (mm)	Packaging pcs.	Weight g/100 pcs
1200253	FVP-2,5/3	21,2	6,3	100/1500	77
1200254	FVP-2,5/4	21,2	7,3	100/1500	78
1200255	FVP-2,5/5	21,2	8,0	100/1500	76
1200256	FVP-2,5/6	24,4	10,7	100/1000	102

Code No.	Designation (mm ² /screw M)	L (mm)	K (mm)	Packaging pcs.	Weight g/100 pcs
1200464	FVP-6/4	27,0	8,3	100/500	156
1200465	FVP-6/5	26,0	9,0	100/500	158
1200466	FVP-6/6	29,0	11,0	100/500	159

They are used for terminating stranded conductors with smaller cross-sections and for connecting components of electrical circuits.

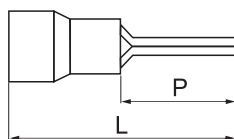
FORKED NON-INSULATED CABLE TERMINALS



Code No.	Designation (mm ² /screw M)	L (mm)	K (mm)	Packaging pcs.	Weight g/100 pcs
1201153	FVP-1,5/3/N	16,3	6,3	100/2000	51
1201155	FVP-1,5/5/N	16,0	8,0	100/4000	52
1201254	FVP-2,5/4/N	16,0	8,0	100/3000	57
1201255	FVP-2,5/5/N	16,0	8,0	100/3000	58

They are used for terminating stranded conductors with smaller cross-sections and for connecting components of electrical circuits.

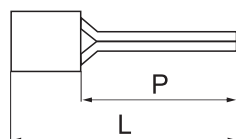
INSULATED PIN CABLE TERMINALS



Code No.	Designation (mm ² /screw M)	L (mm)	P (mm)	Packaging pcs.	Weight g/100 pcs
1110116	FIP-1,5	21,5	12,0	100/1000	73
1110125	FIP-2,5	21,5	12,0	100/1000	85
1110146	FIP-6	27,5	13,3	100/500	174

They are used for terminating stranded conductors with smaller cross-sections and for connecting components of electrical circuits.

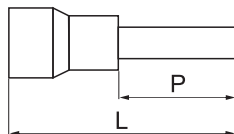
NON-INSULATED PIN CABLE TERMINALS - DIN 46234



Code No.	Designation (mm ² /screw M)	L (mm)	P (mm)	Packaging pcs.	Weight g/100 pcs
1110015	FIP-1,5/N	17,5	12,5	100/1000	57
1110046	FIP-4,6/N	21,0	14,5	100/600	144

They are used for terminating stranded conductors with smaller cross-sections and for connecting components of electrical circuits.

INSULATED FERRULES FOR STRANDED CONDUCTORS (DIN 46228)



Code No.	Designation (mm ² /screw M)	L (mm)	P (mm)	Packaging pcs.	Weight g/100 kom
1300508	FZH-0,5/8	14,0	8	100	88
1300708	FZH-0,75/8	14,0	8	100	90
1301008	FZH-1/8	14,0	8	100	110
1301510	FZH-1,5/10	14,0	10	100	140
1302510	FZH-2,5/10	16,0	10	100	170
1304012	FZH-4/12	20,0	12	100	300
1306012	FZH-6/12	20,0	12	100	350
1310060	FZH-6/18	20	18	500	410
1310012	FZH-10/12	22,0	12	100	520
1310013	FZH-10/18	27	18	100	560
1310016	FZH-16/12	22	12	100	670
1310018	FZH-16/18	27	18	100	860
1310025	FZH-25/16	27	16	100	1070
1310035	FZH-35/16	30	16	100	1300
1310050	FZH-50/20	35	20	100	2300

They are used for terminating stranded conductors with smaller cross-sections and for connecting components of electrical circuits.

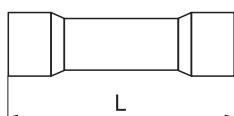
NON-INSULATED FERRULES FOR STRANDED CONDUCTORS (DIN 46228)



Code No.	Designation (mm ² /screw M)	L (mm)	Packaging pcs.	Weight g/100 pcs
1310708	FNH-0,75	8,0	1000/10000	45
1311008	FNH - 1	8,0	1000/10000	65
1311508	FNH-1,5	8,0	1000/10000	78
1312510	FNH-2,5	10,0	1000/10000	103
1314010	FNH-4	10,0	1000/10000	164

They are used for terminating stranded conductors with smaller cross-sections and for connecting components of electrical circuits.

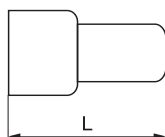
INSULATED SPLICES FOR CONNECTING CONDUCTORS



Code No.	Designation (mm ² /screw M)	L (mm)	Packaging pcs.	Weight g/100 pcs
1400105	FCG-1,5	25,0	100/1000	124
1400205	FCG-2,5	25	100/1000	160
1400406	FCG-4-6	27,0	100/500	251

They are used to extend conductors of the same cross-sectional area. The connection is made by crimping.

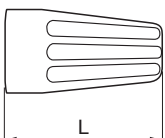
INSULATED BUTT CRIMP CONNECTOR FOR JOINING STRANDED CONDUCTORS BY CRIMPING



Code No.	Designation (mm ² /screw M)	L (mm)	Packaging pcs.	Weight g/100 pcs
1401015	FSKP1,5-2,5	15	100/1000	60
1401046	FSKP 4-6	17,0	100/500	98

Used for extending and branching conductors in electrical circuits. The connection is made by crimping.

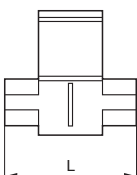
INSULATING TWIST-ON CONNECTOR FOR JOINING STRANDED CONDUCTORS



Code No.	Designation (mm ² /screw M)	L (mm)	Packaging pcs.	Weight g/100 pcs
1402125	FSKZ 1,5-2,5	21,5	50/250	150
1402406	FSKZ 4-6	24	50/250	176

Used for extending conductors in electrical circuits. The connection is made by twisting it around the conductor.

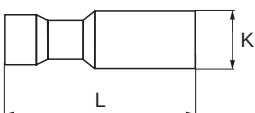
CONNECTOR FOR BRANCHING AND JOINING STRANDED CONDUCTORS



Code No.	Designation (mm ² /screw M)	L (mm)	Packaging pcs.	Weight g/100 pcs
1400015	FKRS 1,5	19,5	50/200	175
1400025	FKRS 2,5	19,5	50/200	175

They are used to extend and branch conductors in electrical circuits without cutting the main wire or removing the insulation, by pressing over the conductor using combination pliers.

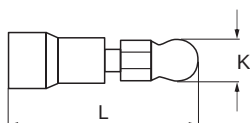
FULLY INSULATED FEMALE CONNECTOR FOR STRANDED CONDUCTOR JOINTING



Code No.	Designation (mm ² /screw M)	L (mm)	K (mm)	Packaging pcs.	Weight g/100 pcs
1440015	FKZ-1,5	24,0	7,7	100/500	106
1440025	FKZ-2,5	24,0	8,3	100/500	122

Used for joining flexible stranded conductors with small cross-sections (detachable connection). Connection is made by crimping.

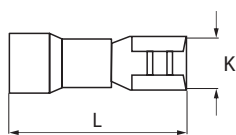
FULLY INSULATED MALE CONNECTOR FOR STRANDED CONDUCTOR JOINTING



Code No.	Designation (mm ² /screw M)	L (mm)	K (mm)	Packaging pcs.	Weight g/100 pcs
1441015	FKM-1,5	21,5	4,0	100/1000	64
1441025	FKM-2,5	21,5	5,0	100/1000	81

Used for joining flexible stranded conductors with small cross-sections (detachable connection). Connection is made by crimping.

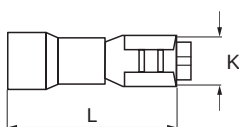
INSULATED FASTON FEMALE CABLE TERMINALS



Code No.	Designation (mm ² /screw M)	L (mm)	K (mm)	Packaging pcs.	Weight g/100 pcs
1600105	FFZ-1,5	21,5	6,3	100/500	76
1600205	FFZ-2,5	21,5	6,3	100/500	82
1600406	FFZ-4-6	21,5	6,3	100/1000	91

They are used for terminating thin conductors of smaller sections and connecting elements of electric circuits.

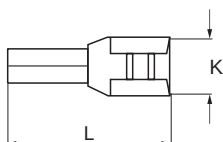
INSULATED FASTON FEMALE CABLE TERMINALS WITH ADDITIONAL MALE TAB CONNECTOR



Code No.	Designation (mm ² /screw M)	L (mm)	K (mm)	Packaging pcs.	Weight g/100 pcs
1630105	FFZ/M-1,5	21,5	6,3	100/1000	116
1630205	FFZ/M-2,5	21,5	6,3	100/1000	122

They are used for terminating and splitting conductors in electric circuits. Joining is done by pressing.

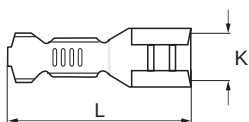
NON-INSULATED FASTON FEMALE CABLE TERMINALS



Code No.	Designation (mm ² /screw M)	L (mm)	K (mm)	Packaging pcs.	Weight g/100 pcs
1620105	FFZ/N-1,5	16,5	6,3	100/1000	72
1620205	FFZ/N-2,5	16,5	6,3	100/1000	76
1620406	FFZ/N-4-6	16,5	6,3	100/1000	88

They are used for terminating thin conductors of smaller sections and connecting elements of electric circuits.

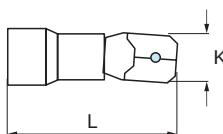
OPEN NON-INSULATED FASTON FEMALE CABLE TERMINALS



Code No.	Designation (mm ² /screw M)	L (mm)	K (mm)	Packaging pcs.	Weight g/100 pcs
1610007	FFZ-0,75	14,0	3,0	100/1000	50
1610105	FFZ-1,5	19,0	6,3	100/1000	70
1610205	FFZ-2,5	19,0	6,3	100/1000	80
1610406	FFZ-4-6	26,0	10,0	100/500	90
1640205	FFZ-2,5B	16,0	6,3	100/500	90

They are used for terminating thin conductors of smaller sections and connecting elements of electric circuits.

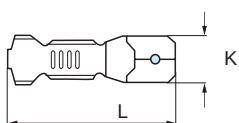
INSULATED FASTON MALE CABLE TERMINALS (DIN 42245)



Code No.	Designation (mm ² /screw M)	L (mm)	K (mm)	Packaging pcs.	Weight g/100 pcs
1410007	FFM-0,75	21,0	3,0	100/1000	43
1410105	FFM-1,5	21,0	6,3	100/1500	62
1410205	FFM-2,5	21,0	6,3	100/1500	68
1410406	FFM-6	23,0	6,3	100/1000	77

They are used for terminating thin conductors of smaller sections and connecting elements of electric circuits.

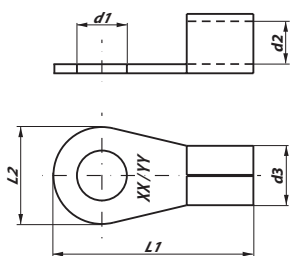
NON-INSULATED FASTON MALE CABLE TERMINALS



Code No.	Designation (mm ² /screw M)	L (mm)	K (mm)	Packaging pcs.	Weight g/100 pcs
1640025	FFM-2,5	20,0	6,3	100/1000	88

They are used for terminating thin conductors of smaller sections and connecting elements of electric circuits.

NON-INSULATED COPPER CABLE LUGS FOR CRIMPING AND SOLDERING



They are made according to DIN 46234.

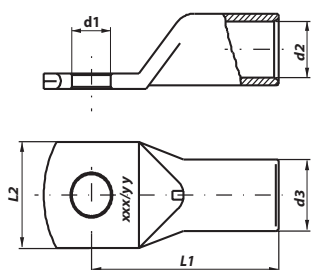
They are used for terminating Cu conductors and support cables in power cables and connecting them in electrical circuit using a bolt and a nut.

The connection to the conductor is made by soldering or pressing. The joint on the lug is welded.

The surface of the lug is galvanized.

Code No.	Designation (mm ² /screw M)	d1 (mm)	d2 (mm)	d3 (mm)	L1 (mm)	L2 (mm)	Packaging pcs.	Weight kg/100 kom
0500153	FPG-1,5/3	3,5	1,7	3,3	11,5	6,0	100	0,039
0500154	FPG-1,5/4	4,5	1,7	3,3	15,5	8,0	100	0,058
0500155	FPG-1,5/5	5,5	1,7	3,3	16,0	8,0	100	0,053
0500253	FPG-2,5/3	3,5	2,3	4,0	16,5	8,0	100	0,072
0500254	FPG-2,5/4	4,5	2,3	4,0	16,5	8,5	100	0,072
0500255	FPG-2,5/5	5,5	2,3	4,0	17,5	9,5	100	0,075
0500256	FPG-2,5/6	6,5	2,3	4,0	21,5	12,0	100	0,102
0500258	FPG-2,5/8	8,4	2,3	4,0	21,5	12,0	100	0,100
0500464	FPG-4,6/4	4,5	3,4	5,5	19,5	9,5	100	0,142
0500465	FPG-4,6/5	5,5	3,4	5,5	19,5	9,5	100	0,139
0500466	FPG-4,6/6	6,5	3,4	5,5	23,0	12,0	100	0,168
0500468	FPG-4,6/8	8,4	3,4	5,5	27,0	15,0	100	0,175
0500469	FPG-4,6/10	10,5	3,4	5,5	27,0	15,0	100	0,170
0501006	FPG-10/6	6,2	4,5	6,8	27,0	14,0	300	0,285
0501008	FPG-10/8	8,4	4,5	6,8	27,0	14,2	300	0,287
0501010	FPG-10/10	10,5	4,5	6,8	27,3	14,2	300	0,260
0501012	FPG-10/12	12,9	4,5	6,8	16,5	20,0	300	0,406
0501606	FPG-16/6	6,5	5,2	7,3	29,0	14,2	300	0,337
0501608	FPG-16/8	8,5	5,2	7,3	29,0	14,5	300	0,345
0501610	FPG-16/10	10,5	5,2	7,3	29,0	14,5	300	0,293
0501612	FPG-16/12	12,5	5,2	7,3	33,3	16,5	300	0,383
0502506	FPG-25/6	6,5	6,9	9,8	33,2	16,2	200	0,735
0502508	FPG-25/8	8,5	6,9	9,8	33,5	16,3	200	0,720
0502510	FPG-25/10	10,5	6,9	9,8	33,5	16,3	200	0,676
0502512	FPG-25/12	15	6,9	9,8	33,5	16,3	200	0,619
0502516	FPG-25/16	16,9	6,9	9,8	52,0	30,0	200	0,393
0503506	FPG-35/6	6,5	7,7	11,5	34,2	16,3	100	0,842
0503508	FPG-35/8	8,4	7,7	11,5	34,2	16,3	100	0,850
0503510	FPG-35/10	10,5	7,7	11,5	34,2	16,3	100	0,850
0503512	FPG-35/12	12,5	7,7	11,5	34,2	16,3	100	0,720
0505008	FPG-50/8	8,4	10,1	14,1	43,0	18,0	100	1,710
0505010	FPG-50/10	10,5	10,1	14,1	43,0	18,2	100	1,715
0505012	FPG-50/12	12,5	10,1	14,1	43,0	18,2	100	1,590
0505016	FPG-50/16	16,5	10,1	14,1	43,0	22,5	100	1,710
0507010	FPG-70/10	10,5	12,0	16,0	49,0	22,2	100	2,314
0507012	FPG-70/12	12,5	12,0	16,0	49,0	22,2	100	2,377
0507016	FPG-70/16	16,5	12,0	16,0	49,0	22,5	100	2,100
0509510	FPG-95/10	10,5	15,0	20,0	58,2	28,0	50	4,280
0509512	FPG-95/12	12,5	15,0	20,0	58,2	28,0	50	4,200
0509516	FPG-95/16	16,5	16,5	20,0	58,2	28,3	50	4,096
0512010	FPG-120/10	10,5	16,5	18,0	62,0	28,3	50	6,066
0512012	FPG-120/12	12,5	16,5	18,0	62,0	28,3	50	5,980
0512016	FPG-120/16	16,5	19,4	18,0	62,2	28,3	50	5,874
0515012	FPG-150/12	12,7	19,4	25,5	65,0	30,2	25	7,316
0515016	FPG-150/16	16,5	19,4	25,5	65,0	30,2	25	7,000

COPPER TUBULAR CRIMPING LUGS



Standard type.

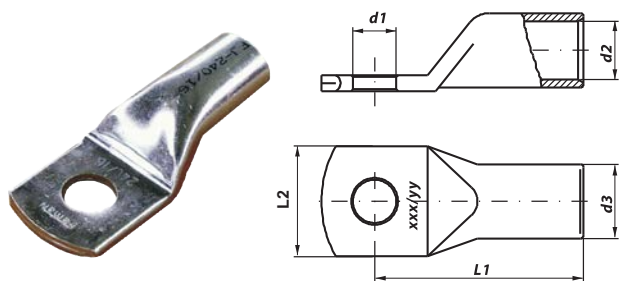
Material: E-copper DIN 40500

Surface: Galvanized

They are used for terminating Cu conductors (VDE0295) and support cables (DIN 48201) in power cables and connecting them in an electric circuit using a screw and a nut. They also have a control hatch. At the customer's request, we also make special lug constructions.

Code No.	Designation (mm ² /screw M)	d1 (mm)	d2 (mm)	d3 (mm)	L1 (mm)	L2 (mm)	No. of crimping mech./hydr.	Packaging pcs.	Weight kg/100 pcs
0600605	FCPCu-6/5	5,2	3,8	5,5	21	11,5	2/-	200	0,50
0600606	FCPCu-6/6	6,5	3,8	5,5	24	9,5	2/-	200	0,57
0600608	FCPCu-6/8	8,2	3,5	6,5	23	14,0	2/-	200	0,66
0600610	FCPCu-6/10	10,2	3,5	6,5	23	14,0	2/-	200	0,67
0601006	FCPCu-10/6	6,5	4,5	6,0	24	9,5	2/-	200	0,57
0601008	FCPCu-10/8	8,2	4,5	7,0	25	12,5	2/-	200	0,68
0601010	FCPCu-10/10	10,2	4,5	7,0	25	17,3	2/-	200	0,70
0601606	FCPCu-16/6	6,5	5,5	8,5	33	13	2/-	100	1,10
0601608	FCPCu-16/8	8,2	5,5	8,5	29	12,7	2/-	100	1,13
0601610	FCPCu-16/10	10,2	5,5	8,5	31	15,7	2/-	100	1,15
0601612	FCPCu-16/12	12,2	5,5	8,5	33	19,0	2/-	100	1,28
0602506	FCPCu-25/6	6,2	7,0	10,0	32	13,8	2/-	100	1,30
0602508	FCPCu-25/8	8,5	7,0	10,0	37,5	14,0	2/-	100	1,39
0602510	FCPCu-25/10	10,2	7,0	10,0	34	16,0	2/-	100	1,44
0602512	FCPCu-25/12	12,2	7,0	10,0	36	-	2/-	100	1,48
0603508	FCPCu-35/8	8,2	8,5	12,0	34	17,6	2/1	100	2,53
0603510	FCPCu-35/10	10,5	8,5	12,0	41,5	21,0	2/1	100	2,39
0603512	FCPCu-35/12	12,2	8,5	12,0	38	21,7	2/1	100	2,62
0605008	FCPCu-50/8	8,2	10,0	14,0	37	22,0	3/1	100	2,96
0605010	FCPCu-50/10	10,5	10,0	14,0	43,5	21,0	3/1	100	3,13
0605012	FCPCu-50/12	12,2	10,0	14,0	43	25,9	3/1	100	3,09
0605016	FCPCu-50/16	16,2	10,0	14,0	46	28,0	3/1	100	3,49
0607008	FCPCu-70/8	8,2	12,0	16,5	46	24,0	3/1	100	4,75
0607010	FCPCu-70/10	10,5	12,0	16,5	46,5	24,0	3/1	100	5,08
0607012	FCPCu-70/12	12,2	12,0	16,5	46	24,0	3/1	100	4,57
0607016	FCPCu-70/16	16,2	12,0	16,5	48	24,0	3/1	100	4,88
0609508	FCPCu-95/8	8,2	13,5	18,0	48	27,8	4/2	50	6,10
0609510	FCPCu-95/10	10,5	13,5	18,0	50	26,0	4/2	50	5,73
0609512	FCPCu-95/12	12,2	13,5	18,0	49	27,8	4/2	50	6,06
0609516	FCPCu-95/16	16,2	13,5	18,0	54	27,8	4/2	50	6,48
0612010	FCPCu-120/10	10,5	15,0	19,0	58,5	28,0	4/2	50	6,07
0612012	FCPCu-120/12	12,2	15,0	19,0	51	31,0	4/2	50	5,93
0612016	FCPCu-120/16	16,2	15,0	19,0	54	31,0	4/2	50	5,71
0615008	FCPCu-150/8	8,2	16,5	21,0	57	31,0	4/2	75	8,45
0615010	FCPCu-150/10	10,5	16,5	21,0	59	31,0	4/2	75	8,14
0615012	FCPCu-150/12	12,2	16,5	21,0	57	31,0	4/2	75	7,81
0615016	FCPCu-150/16	16,2	16,5	21,0	58	31,0	4/2	50	8,05
0615020	FCPCu-150/20	20,5	16,5	21,0	60	36,0	4/2	50	8,44
0618512	FCPCu-185/12	12,2	19,0	24,0	65	34,8	4/2	50	11,46
0618516	FCPCu-185/16	16,2	19,0	24,0	65	34,8	4/2	50	12,01
0618520	FCPCu-185/20	20,5	19,0	24,0	69	39,0	4/2	25	12,40
0624010	FCPCu-240/10	10,2	21,5	26,0	72	37,8	-/2	25	14,21
0624012	FCOCu-240/12	12,2	21,5	26,0	72	37,8	-/2	25	14,06
0624016	FCPCu-240/16	16,2	21,5	26,0	72	37,8	-/2	25	13,90
0624020	FCPCu-240/20	20,5	21,5	26,0	72	37,8	-/2	25	13,71
0630016	FCPCu-300/16	16,2	23,5	29,5	87	43,0	-/2	20	30,84
0630020	FCPCu-300/20	20,5	23,5	29,5	87	43,0	-/2	20	23,0
0640012	FCPCu-400/12	12,2	27,5	34,0	90	49,0	-/3	10	33,50
0640016	FCPCu-400/16	16,2	27,5	34,0	90	49,0	-/3	10	56,40
0640020	FCPCu-400/20	20,5	27,5	34,0	90	49,0	-/3	10	51,33
0650016	FCPCu-500/16	16,2	31,5	42,0	120	56,0	-/3	10	46,00
0650020	FCPCu-500/20	20,5	31,5	42	120	56,0	-/3	10	46,00
0663016	FCPCu-630/16	16,2	34,5	44,0	125	65,0	-/4	10	42,0
0663020	FCPCu-630/20	20,0	34,5	44,0	125	65,0	-/4	10	42,00

COPPER TUBULAR CRIMPING LUGS (DIN 46235)



According to DIN 46235

Material: E-copper DIN 40500

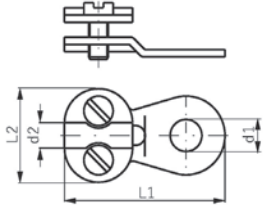
Surface: Galvanized

They are used for terminating Cu conductors (VDE 0295) and support cables (DIN 48201) in energy cables and connecting them in electrical circuit using a bolt and a nut.

At the customer's request, we also make special lug constructions.

Code No.	Designation (mm ² /screw M)	d1 (mm)	d2 (mm)	d3 (mm)	L1 (mm)	L2 (mm)	No. of crimping mech./hydr.	Packaging pcs.	Weight kg/100 pcs
0700605	FCPCu-6/5	5,3	3,8	5,5	24	8,5	2/-	200	0,50
0700606	FCPCu-6/6	6,4	3,8	5,5	24	8,5	2/-	200	0,50
0701005	FCPCu-10/5	5,3	4,5	6,0	27	9,0	2/-	200	0,56
0701006	FCPCu-10/6	6,4	4,5	6,0	27	9,0	2/-	200	0,56
0701608	FCPCu-16/8	8,4	5,5	8,5	36	13,0	2/-	100	1,19
0701610	FCPCu-16/10	10,5	5,5	8,5	36	17,0	2/-	100	1,19
0701612	FCPCu-16/12	13	5,5	8,5	36	19,0	2/-	100	1,21
0702508	FCPCu-25/8	8,4	7,0	10,0	38	16,0	2/-	100	1,62
0702510	FCOCu-25/10	10,5	7,0	10,0	38	17,0	2/-	100	1,65
0702512	FCPCu-25/12	13	7,0	10,0	38	19,0	2/-	100	1,68
0703508	FCPCu-35/8	8,4	8,2	12,5	42	17,0	2/1	100	2,75
0703510	FCPCu-35/10	10,5	8,2	12,5	42	19,0	2/1	100	2,75
0703512	FCPCu-35/12	13	8,2	12,5	42	21,0	2/1	100	2,75
0703516	FCPCu-35/16	17	8,2	12,5	42	21,7	2/1	100	2,75
0705008	FCPCu-50/8	8,4	10,0	14,5	52	20,0	3/1	100	4,40
0705010	FCPCu-50/10	10,5	10,0	14,5	52	22,0	3/1	100	4,40
0705012	FCPCu-50/12	13	10,0	14,5	52	24,0	3/1	100	4,40
0707008	FCPCu-70/8	8,4	11,5	16,5	55	24,0	3/1	100	6,00
0707010	FCPCu-70/10	10,5	11,5	16,5	55	24,0	3/1	100	6,00
0707012	FCPCu-70/12	13	11,5	16,5	55	24,0	3/1	100	6,00
0707016	FCPCu-70/16	17	11,5	16,5	55	30,0	3/1	100	6,00
0709508	FCPCu95/8	8,4	13,5	19,0	65	28,0	4/2	50	8,70
0709510	FCPCu-95/10	10,5	13,5	19,0	65	28,0	4/2	50	8,70
0709512	FCPCu-95/12	13	13,5	19,0	65	28,0	4/2	50	8,70
0709516	FCPCu-95/16	17	13,5	19,0	65	32,0	4/2	50	8,70
0712010	FCPCu-120/10	10,5	15,5	21,0	70	32,0	4/2	50	11,30
0712012	FCPCu-120/12	13	15,5	21,0	70	32,0	4/2	50	11,30
0712016	FCPCu-120/16	17	15,5	21,0	70	38,0	4/2	50	11,30
0715012	FCPCu-150/12	13	17,0	23,5	78	34,0	4/2	75	16,10
0715016	FCPCu-150/16	17	17,0	23,5	78	34,0	4/2	75	16,10
0715020	FCPCu-150/20	21	17,0	23,5	78	40,0	4/2	75	16,10
0718512	FCPCu-185/12	13	19,0	25,5	82	37,0	4/2	25	18,50
0718516	FCPCu-185/16	17	19,0	25,5	82	37,0	4/2	25	18,50
0718520	FCPCu-185/20	21	19,0	25,5	82	40,0	4/2	25	18,50
0724010	FCPCu-240/10	10,5	21,5	29,0	92	42,0	-/2	25	27,00
0724012	FCPCu-240/12	13	21,5	29,0	92	42,0	-/2	25	27,00
0724016	FCPCu-240/16	17	21,5	29,0	92	42,0	-/2	25	27,00
0724020	FCPCu-240/20	21	21,5	29,0	92	45,0	-/2	25	27,00
0730016	FCPCu-300/16	17	24,5	32,0	100	48,0	-/2	20	34,00
0730020	FCPCu-300/20	21	24,5	32,0	100	48,0	-/2	20	34,00
0740012	FCPCu-400/12	13	27,5	38,5	115	55,0	-/3	10	68,00
0740016	FCPCu-400/16	17	27,5	38,5	115	55,0	-/3	10	69,00
0740020	FCPCu-400/20	21	27,5	38,5	115	55,0	-/3	10	65,40
0750016	FCPCu-500/16	17	31,0	42,0	125	60,0	-/3	10	83,00
0750020	FCPCu-500/20	21	31,0	42,0	125	60,0	-/3	10	82,00
0750024	FCPCu-500/24	25	31,0	42,0	125	60,0	-/3	10	80,00
0763016	FCPCu-630/16	17	34,5	44,0	135	60,0	-/4	10	79,60
0763020	FCPCu-630/20	21	34,5	44,0	135	60,0	-/4	10	78,70

SCREW TYPE CABLE LUGS

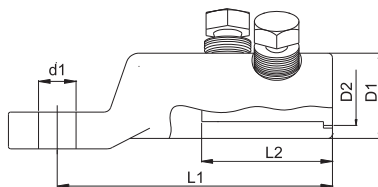


They are used for terminating Cu conductors and energy cables (without the use of a press), according to IEC/EN 61238-1.

Protection against corrosion is carried out by Zinc galvanizing.

Code No.	Designation (mm ² /screw M)	d1 (mm)	d3 (mm)	L1 (mm)	L2 (mm)	Number of screws (pcs)	Packaging pcs.	Weight kg/100 pcs
3601006	FPV-10/6	6,5	16	33	17	2	100	1,00
3601008	FPV-10/8	8,5	16	33	17	2	100	0,95
3601606	FPV-16/6	6,5	17	40	22	2	100	1,25
3601608	FPV-16/8	8,5	17	40	22	2	100	1,25
3601610	FPV-16/10	10,5	17	40	22	2	100	1,25
3602508	FPV-25/8	8,5	18	42	23	2	100	2,00
3602510	FPV-25/10	10,5	18	42	23	2	100	2,00
3603508	FPV-35/8	8,5	19	48	24	4	100	2,00
3603510	FPV-35/10	10,5	19	48	24	4	100	2,50
3603512	FPV-35/12	13	19	48	24	4	100	3,00
3605010	FPV-50/10	10,5	20	57	28	4	100	4,30
3605012	FPV-50/12	13	20	57	28	4	100	4,25
3607010	FPV-70/10	10,5	22	60	31	4	100	5,30
3607012	FPV-70/12	13	22	60	31	4	100	5,25
3609512	FPV-95/12	13,0	25	69	32	4	100	7,00
3612012	FPV-120/12	13,0	26	72	40	4	40	13,50
3612016	FPV-120/16	17	26	72	40	4	40	13,00
3615012	FPV-150/12	13,0	30	80	42	4	30	15,00
3615016	FPV-150/16	17	30	80	42	4	30	14,30

1kV MECHANICAL SHEAR BOLT LUG (IEC 61238-1)

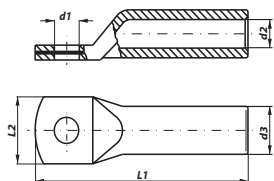


They are used for terminating Al and Cu conductors in low-voltage networks. The body of the the lug and the torque bolts are made of strong aluminum alloy. With the help of torque screws with a self-breaking head, tightening force is regulated, thus ensuring a good electrical connection.

The screws cannot be removed after shearing of the head.

Code No.	Designation (mm ² /screw M)	d1 (mm)	L1 (mm)	L2 (mm)	D1 (mm)	D2 (mm)	Contact screw (pcs)	OK	Moment braking force (Nm)
2403508	FVPSG 10-35/8	8,2	39	18	16	9	1	10	8±1
2405012	FVPSG 25-50/12	13	68	30	21	11	2	10	25±3
2412012	FVPSG 70-120/12	13	90	40	28	17	2	17	30±3
2412016	FVPSG 70-120/16	17	90	40	28	17	2	17	30±3
2424012	FVPSG 150-240/12	13	113	65	35	23,5	2	22	38±3
2424016	FVPSG 150-240/16	17	113	65	35	23,5	2	22	38±3

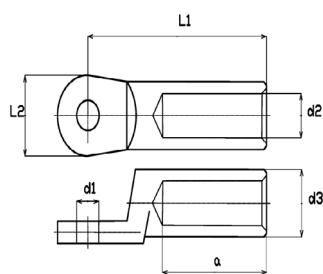
AL CABLE CRIMPING LUGS (IEC/EN 61238-1)



They are used for terminating and connecting Al conductors. They are made according to IEC/EN 61238-1.

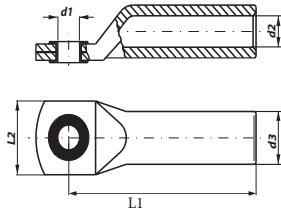
Code No.	Designation (mm ² /screw M)	d1 (mm)	d2 (mm)	d3 (mm)	L1 (mm)	L2 (mm)	No. of crimping mech./hydr.	Packaging pcs.	Weight g/100 pcs
2001608	FAP - 16/8	8,5	5,5	11,0	53,0	20	4/2	100	0,85
2002508	FAP - 25/8	8,5	6,8	12,0	53,0	20	4/2	100	1,00
2002510	FAP - 25/10	10,5	6,8	12	53	20	4/2	100	1
2003508	FAP - 35/8	8,5	8,0	14,0	57,5	21	4/2	100	1,45
2003510	FAP - 35/10	10,5	8	14	57,5	21	4/2	100	1,45
2003512	FAP - 35/12	13,0	8,0	14,0	66,5	21	4/2	100	1,60
2005008	FAP - 50/8	8,5	9,8	16,0	66,5	25	4/2	100	2,00
2005010	FAP - 50/10	10,5	9,8	16,0	66,5	25	4/2	100	2,00
2005012	FAP - 50/12	13,0	9,8	16,0	66,5	25	4/2	100	2,20
2007010	FAP - 70/10	10,5	11,2	18,5	72,0	25	5/2	100	2,25
2007012	FAP - 70/12	13,0	11,2	18,5	72,0	25	5/2	100	2,50
2007016	FAP - 70/16	17	11,2	18,5	72	25	5/2	100	2,50
2009510	FAP - 95/10	10,5	13,2	22,0	88,0	32	5/3	50	5,30
2009512	FAP - 95/12	13	13,2	22	88	32	5/3	50	5,30
2009516	FAP - 95/16	17	13,2	22	88	32	5/3	50	5,30
2012010	FAP - 120/10	10,5	14,7	23,0	104,0	34	6/3	50	6,00
2012012	FAP-120/12	13	14,7	23	104	34	6/3	50	6,00
2012016	FAP-120/16	13	16,3	25	117,5	35	6/3	50	9,00
2015010	FAP-150/10	17	16,3	25	117,5	35	6/3	50	9,00
2015012	FAP-150/12	13	18,3	28,5	121,5	40	6/3	50	10,00
2015016	FAP-150/16	17	18,3	28,5	121,5	40	6/3	50	10,00
2018512	FAP-185/12	13	21	32	140	44	7/3	50	16,00
2018516	FAP-185/16	17	21	32	140	44	7/3	50	16,00
2024012	FAP-240/12	13	21	32	140	44	7/3	50	16,00
2024016	FAP-240/16	17	21	32	140	44	7/3	50	16,00

SEALED FORGED AL LUGS (DIN 46329)



Code No.	Designation (mm ² /screw M)	d1 (mm)	d2 (mm)	d3 (mm)	a (mm)	L1 (mm)	L2 (mm)	No. of crimping mech./hydr.	Packaging pcs.
2901606	FVAP - 16/6	6,5	5,8	12	30	50	20	4/2	100
2901608	FVAP - 16/8	8,5	5,8	12	30	50	20	4/2	100
2901610	FVAP - 16/10	10,5	5,8	12	30	50	20	4/2	50
2902508	FVAP - 25/8	8,5	6,8	12	30	50	25	4/2	50
2902510	FVAP - 25/10	10,5	6,8	12	30	50	25	4/2	50
2902512	FVAP - 25/12	13	6,8	12	30	50	25	4/2	50
2903508	FVAP-35/8	8,5	8	14	42	62	25	4/2	50
2903510	FVAP -35/10	10,5	8	14	42	62	25	4/2	50
2903512	FVAP - 35/12	13	8	14	42	62	25	4/2	50
2905008	FVAP - 50/8	8,5	9,8	16	42	62	25	4/2	50
2905010	FVAP - 50/10	10,5	9,8	16	42	62	25	4/2	50
2905012	FVAP - 50/12	13	9,8	16	42	62	25	4/2	50
2907008	VAP - 70/8	8,5	11,2	18,5	52	72	25	5/2	50
2907010	FVAP - 70/10	10,5	11,2	18,5	52	72	25	5/2	50
2907012	FVAP - 70/12	13	11,2	18,5	52	72	25	5/2	50
2909510	FVAP - 95/10	10,5	13,2	22	56	75	25	6/3	50
2909512	FVAP - 95/12	13	13,2	22	56	75	25	6/3	25
2912010	FVAP - 120/10	10,5	14,7	23	56	80	30	6/3	25
2918512	FVAP - 185/12	13	18,3	28,5	60	91	30	6/3	10
2924016	FVAP - 240/16	17	21	32	70	103	38	8/3	10

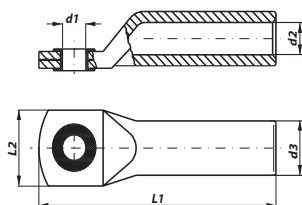
AL-CU CRIMPING LUGS



They are used to terminate the Al conductor and transition to the Cu rail. They are made according to IEC/EN 61238-1

Code No.	Designation (mm ² /screw M)	d1 (mm)	d2 (mm)	d3 (mm)	L1 (mm)	L2 (mm)	No. of crimping mech./hydr.	Packaging pcs.	Weight kg/100 pcs
1901606	FACP-16/6	6,5	5,5	11,0	53,0	20	4/2	100	1,10
1901608	FACP-16/8	8,5	5,5	11	53	20	4/2	100	1,15
1901610	FACP-16/10	10,5	5,5	11	53	20	4/2	100	1,20
1902508	FACP-25/8	8,5	6,8	12,0	53,0	20	4/2	100	1,50
1902510	FACP-25/10	10,5	6,8	12,0	53,0	20	4/2	100	1,55
1902512	FACP-25/12	13	6,8	12	53	20	4/2	100	1,60
1903508	FACP-35/8	8,5	8,0	14,0	57,5	21	5/2	100	1,80
1903510	FACP-35/10	10,5	8,0	14,0	57,5	21	5/2	100	1,90
1903512	FACP-35/12	13,0	8,0	14,0	66,5	21	5/2	100	2,10
1905008	FACP-50/8	8,5	9,8	16,0	66,5	25	5/2	100	2,20
1905010	FACP-50/10	10,5	9,8	16,0	66,5	25	5/2	100	2,30
1905012	FACP-50/12	13	9,8	16	66,5	25	5/2	100	2,40
1907008	FACP-70/8	8,5	11,2	18,5	72	25	6/3	100	3,20
1907010	FACP-70/10	10,5	11,2	18,5	72,0	25	6/3	100	3,30
1907012	FACP-70/12	13,0	11,2	18,5	72,0	25	6/3	100	3,40
1907016	FACP-70/16	17	11,2	18,5	72	25	6/3	50	3,45
1909510	FACP-95/10	10,5	13,2	22,0	88,0	32	6/3	50	5,90
1909512	FACP-95/12	13	13,2	22	88	32	6/3	50	6,10
1909516	FACP-95/16	17,0	13,2	22,0	88,0	32	6/3	50	6,20
1912010	FACP-120/10	10,5	14,7	23,0	104,0	34	6/3	50	6,20
1912012	FACP-120/12	13,0	14,7	23,0	104,0	34	6/3	50	6,30
1912016	FACP-120/16	17	14,7	23	104	34	6/3	50	6,40
1915010	FACP-150/10	10,5	16,3	25	117,5	35	6/3	50	9,30
1915012	FACP-150/12	13,0	16,3	25,0	117,5	35	6/3	50	9,40
1915016	FACP-150/16	17,0	16,3	25,0	117,5	35	6/3	50	9,50
1918510	FACP-185/10	10,5	18,3	28,5	121,5	40	6/3	50	12,20
1918512	FACP-185/12	13,0	18,3	28,5	121,5	40	6/3	50	12,30
1918516	FACP-185/16	17,0	18,3	28,5	121,5	40	6/3	50	12,40
1924012	FACP-240/12	13,0	21,0	32,0	140,0	44	8/3	50	17,20
1924016	FACP-240/16	17,0	21,0	32,0	140,0	44	8/3	50	17,40
1930012	FACP-300/12	13,0	23,3	34,0	159,0	51	8/3	50	19,50
1930016	FACP-300/16	17,0	23,3	34,0	159,0	51	8/3	50	19,70

AL-CU CRIMPING CABLE LUGS (IEC/EN 61238-1)



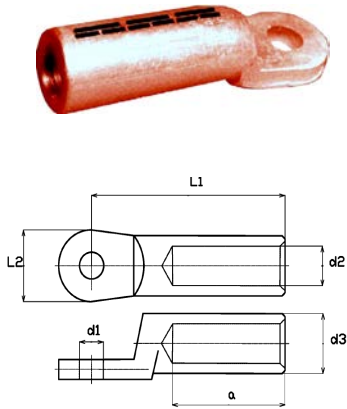
They are used to terminate the Al conductor and transition to the Cu rail.

They are made according to EN 61238.

Code No.	Designation (mm ² /screw M)	d1 (mm)	d2 (mm)	d3 (mm)	L1 (mm)	L2 (mm)	No. of crimping mech./hydr.	Packaging pcs.	Weight kg/100 pcs
2501606	EN-FACP-16/6	6,5	5,5	12,0	56,0	24	4/2	100	1,50
2501608	EN-FACP-16/8	8,5	5,5	12,0	56,0	24	4/2	100	1,50
2501610	EN-FACP-16/10	10,5	5,5	12,0	56,0	24	4/2	100	1,60
2502508	EN-FACP-25/8	8,5	6,8	12,0	65,0	24	4/2	100	1,60
2502510	EN-FACP-25/10	10,5	6,8	12,0	65,0	24	4/2	100	1,60
2502512	EN-FACP-25/12	13	6,8	12,0	65,0	24	4/2	100	1,70
2503508	EN-FACP-35/8	8,5	8,0	14,0	72	26	5/2	100	2,40
2503510	EN-FACP-35/10	10,5	8,0	14,0	72	26	5/2	100	2,60
2503512	EN-FACP-35/12	13,0	8,0	14,0	72	26	5/2	100	2,60
2505008	EN-FACP-50/8	8,5	9,8	16,0	75	26	5/2	100	2,70
2505010	EN-FACP-50/10	10,5	9,8	16,0	75	26	5/2	100	2,80
2505012	EN-FACP-50/12	13	9,8	16,0	75	26	5/2	100	3,00
2507008	EN-FACP-70/8	8,5	11,2	18,5	87	28	6/3	100	3,80
2507010	EN-FACP-70/10	10,5	11,2	18,5	87	28	6/3	100	4,00
2507012	EN-FACP-70/12	13,0	11,2	18,5	87	28	6/3	100	4,20
2507016	EN-FACP-70/16	17,0	11,2	18,5	87	28	6/3	100	4,50
2509510	EN-FACP-95/10	10,5	13,2	22,0	91	32	6/3	100	6,20
2509512	EN-FACP-95/12	13,0	13,2	22,0	91	32	6/3	100	6,40
2509516	EN-FACP-95/16	17,0	13,2	22,0	91	32	6/3	100	6,60
2512010	EN-FACP-120/10	10,5	14,7	23,0	91	34	6/3	50	7,80
2512012	EN-FACP-120/12	13,0	14,7	23,0	91	34	6/3	50	8,00
2512016	EN-FACP-120/16	17,0	14,7	23,0	91	34	6/3	50	8,20
2515010	EN-FACP-150/10	10,5	16,3	25,0	100	36	6/3	50	9,30
2515012	EN-FACP-150/12	13,0	16,3	25,0	100	36	6/3	50	9,50
2515016	EN-FACP-150/16	17,0	16,3	25,0	100	36	6/3	50	9,70
2518510	EN-FACP-185/10	10,5	18,3	28,5	110	40	6/3	50	13,20
2518512	EN-FACP-185/12	13,0	18,3	28,5	110	40	6/3	50	13,50
2518516	EN-FACP-185/16	17,0	18,3	28,5	110	40	6/3	50	13,80
2524012	EN-FACP-240/12	13,0	21,0	32,0	124	45	8/3	50	18,80
2524016	EN-FACP-240/16	17,0	21,0	32,0	124	45	8/3	50	19,20
2530012	EN-FACP-300/12	13,0	23,3	34,0	127	51	8/3	50	22,00
2530016	EN-FACP-300/16	17	23,3	34	127	51	8/3	50	23

SEALED FORGED CU CABLE LUGS (SRPS EN IEC 61238)

They are used for terminating Cu conductors. They are made according to EN 61238.

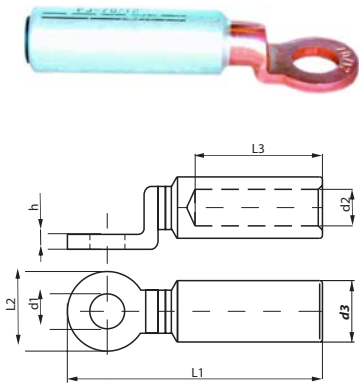


Code No.	Designation (mm ² /screw M)	d1 (mm)	d2 (mm)	d (mm)	L (mm)	L1 (mm)	a (mm)	No. of crimping mech./hydr.	Packaging pcs.
2301606	FVCP-16/6	6,5	5,5	8,5	20	42,5	20	2/1	100
2301608	FVCP-16/8	8,5	5,5	8,5	20	42,5	20	2/1	100
2301610	FVCP-16/10	10,5	5,5	8,5	20	42,5	20	2/1	100
2302508	FVCP-25/8	8,5	7	10	20	43	20	2/1	50
2302510	FVCP-25/10	10,5	7	10	20	43,0	20	2/1	50
2302512	FVCP-25/12	13	7	10	20	43	20	2/1	50
2303508	FVCP-35/8	8,5	8,2	12,5	25	44,5	20	2/1	50
2303510	FVCP-35/10	10,5	8,2	12,5	25	44,5	20	2/1	50
2303512	FVCP-35/12	13	8,2	12,5	25	44,5	20	2/1	50
2305008	FVCP-50/8	8,5	10	14,5	25	54	28	3/1	50
2305010	FVCP-50/10	10,5	10	14,5	25	54,0	28	3/1	50
2305012	FVCP-50/12	13	10	14,5	25	54	28	3/1	50
2307008	FVCP-70/8	8,5	11,5	16,5	25	54	28	3/1	50
2307010	FVCP-70/10	10,5	11,5	16,5	25	54	28	3/1	50
2307012	FVCP-70/12	13	11,5	16,5	25	54	28	3/1	50
2309510	FVCP-95/10	10,5	13,5	19	25	55	35	4/2	25
2309512	FVCP-95/12	13	13,5	19	25	55	35	4/2	25
2309516	FVCP-95/16	17	13,5	19	25	55	35	4/2	25
2312010	FVCP-120/10	10,5	15,5	21	30	65	35	4/2	25
2312012	FVCP-120/12	13	15,5	21	30	65	35	4/2	25
2312016	FVCP-120/16	17	15,5	21	30	65,0	35	4/2	25
2315010	FVCP-150/10	10,5	17	23,5	30	74	35	4/2	25
2315012	FVCP-150/12	13	17	23,5	30	74	35	4/2	25
2315016	FVCP-150/16	17	17	23,5	30	74,0	35	4/2	25
2318510	FVCP-185/10	10,5	19	25,5	30	78	40	4/2	10
2318512	FVCP-185/12	13	19	25,5	30	78	40	4/2	10
2318516	FVCP-185/16	17	19	25,5	30	78,0	40	4/2	10
2324012	FVCP-240/12	13	21,5	29	38	82	40	4/2	10
2324016	FVCP-240/16	17	21,5	29	38	82,0	40	4/2	10

BI-METALIC SEALED AL-CU CABLE COMPRESSION LUGS

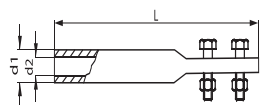
They are used for terminating the Al conductor with the transition to the Cu busbar.

They are made according to IEC/EN 61238-1.



Code No.	Designation (mm ² /screw M)	d1 (mm)	d2 (mm)	d3 (mm)	L1 (mm)	L2 (mm)	L3 (mm)	h (mm)	No. of crimping mech./hydr.
1941608	16/8	8,5	5,5	16	81	20	42	3,3	5/3
1941610	16/10	10,5	5,5	16	81	20	42	3,3	5/3
1941612	16/12	13	5,5	16	81	20	42	3,3	5/3
1942508	25/8	8,5	6,8	16	81	20	42	3,3	5/3
1942510	25/10	10,5	6,8	16	81	20	42	3,3	5/3
1942512	25/12	13	6,8	16	81	20	42	3,3	5/3
1943508	35/8	8,5	8,0	16	81	20	42	3,3	5/3
1943510	35/10	10,5	8,0	16	81	20	42	3,3	5/3
1943512	35/12	13	8,0	16	81	20	42	3,3	5/3
1945008	50/8	8,5	9,8	20	90	24	43	4	5/3
1945010	50/10	10,5	9,8	20	90	24	43	4	5/3
1945012	50/12	13	9,8	20	90	24	43	4	5/3
1947008	70/8	8,5	11,2	20	90	24	43	4	5/3
1947010	70/10	10,5	11,2	20	90	24	43	4	5/3
1947012	70/12	13	11,2	20	90	24	43	4	5/3
1949510	95/10	10,5	13,2	20	90	24	43	4	5/3
1949512	95/12	13	13,2	20	90	24	43	4	5/3
1941210	120/10	10,5	14,7	25	116	30	60	6	6/3
1941212	120/12	13	14,7	25	116	30	60	6	6/3
1941510	150/10	10,5	16,3	25	116	30	60	6	6/3
1941512	150/12	13	16,3	25	116	30	60	6	6/3
1941516	150/16	17	16,3	25	116	30	60	6	8/4
1941812	185/12	13	18,3	32	125	35	60	7	8/4
1941816	185/16	17	18,3	32	125	35	60	7	8/4
1942412	240/12	13	21,0	32	125	35	60	7	8/4
1942416	240/16	17	21,0	32	125	35	60	7	8/4

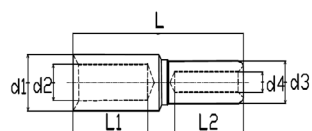
AL AND CU LUGS FOR DISCONNECTORS



They are used to connect Al and Cu conductors to the disconnector assembly. We recommend crimping with FEMAN presses.

Code No.	Type	d1 (mm)	d2 (mm)	L (mm)	No. of crimping mech./hydr.	Weight kg/100 pcs	Packaging pcs.
1950035	Al	20	9,5	184	25	24,7	
1950050	Al	20	9,8	184	25	23,7	
1950070	Al	22	11,2	205	25	25,0	
1951070	Cu	16,5	11,5	105	25	10,8	
1951095	Cu	19	13,5	115	25	15,2	
1951120	Cu	21	15,5	120	25	18,6	
1951150	Cu	23,5	17	128	10	23,2	
1951185	Cu	25,5	19	132	10	30,4	
1951240	Cu	29	21,5	142	10	41,5	

SEALED BI-METALIC AL-CU CONNECTORS

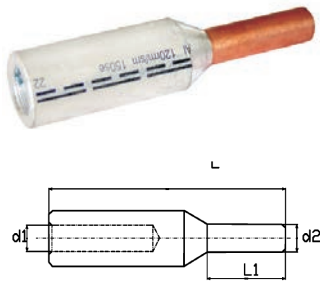


They are used for terminating Al conductors and switching to Cu conductors. They are made according to the requirements of the IEC/EN 61238-1.

Code no.	Diameter (mm ² /mm ²)	d1 (mm)	d2 (mm)	d3 (mm)	d4 (mm)	L1 (mm)	L2 (mm)	L (mm)	No. of crimping mech./hydr.	Package pcs
1961606	16/4	11	5,8	5	3	30	24	67	2-0/2-0	100
1961606	16/6	11	5,8	5,8	3,8	30	24	67	2-0/2-0	100
1961610	16/10	11	5,8	6	4,5	30	24	67	2-0/2-0	100
1961616	16/16	11	5,8	8,5	5,5	30	24	67	2-0/2-0	100
1962506	25/6	12	6,8	5,8	3,8	30	24	67	2-0/2-0	100
1962510	25/10	12	6,8	6	4,5	30	24	67	2-0/2-0	100
1962516	25/16	12	6,8	8,5	5,5	30	24	67	2-0/2-0	100
1962525	25/25	12	6,8	10	7	30	24	67	2-0/2-0	100
1963510	35/10	14	8	6	4,5	38	25	76	4-2/2-0	100
1963516	35/16	14	8	8,5	5,5	38	25	76	4-2/2-0	100
1963525	35/25	14	8	10	7	38	25	76	4-2/2-0	100
1963535	35/35	14	8	12,5	8,2	38	25	76	4-2/2-0	100
1965016	50/16	16	9,8	8,5	5,5	38	25	76	4-2/2-0	100
1965025	50/25	16	9,8	10,5	7	38	25	76	4-2/2-0	100
1965035	50/35	16	9,8	12,5	8,2	38	25	76	4-2/2-0	100
1965050	50/50	16	9,8	14,5	10	38	25	76	4-2/2-0	100
1967025	70/25	18	11,2	10,5	7	50	28	93	4-2/2-1	50
1967035	70/35	18	11,2	12,5	8,2	50	28	93	4-2/2-1	50
1967050	70/50	18	11,2	14,5	10	50	28	93	4-2/2-1	50
1967070	70/70	18	11,2	16,5	11,5	50	28	93	4-2/2-1	50
1969535	95/35	22	13,2	12,5	8,2	48	35	98	4-2/2-1	50
1969550	95/50	22	13,2	14,5	10	48	35	98	4-2/2-1	50
1969570	95/70	22	13,2	16,5	11,5	48	35	98	4-2/2-1	50
1969595	95/95	22	13,2	19	13,5	48	35	98	4-2/2-1	50
1961250	120/50	23	14,7	14,5	10	58	35	108	6-3/4-2	50
1961270	120/70	23	14,7	16,5	11,5	58	35	108	6-3/4-2	50
1961295	120/95	23	14,7	19	13,5	58	35	108	6-3/4-2	50
1961212	120/120	23	14,7	21	15,5	58	35	108	6-3/4-2	50
1961570	150/70	25	16,3	16,5	11,5	60	38	115	6-3/4-2	50
1961595	150/95	25	16,3	19	13,5	60	38	115	6-3/4-2	50
1961512	150/120	25	16,3	21	15,5	60	38	115	6-3/4-2	50
1961515	150/150	25	16,3	23,5	17	60	38	115	6-3/4-2	50
1961895	185/95	28,5	18,3	19	13,5	62	40	120	6-3/4-2	50
1961812	185/120	28,5	18,3	21	15,5	62	40	120	6-3/4-2	50
1961815	185/150	28,5	18,3	23,5	17	62	40	120	6-3/4-2	50
1961818	185/185	28,5	18,3	25,5	19	62	40	12	6-3/4-2	50
1962412	240/120	32	21	21	15,5	70	43	133	6-3/4-2	50
1962415	240/150	32	21	23,5	17	70	43	133	6-3/4-2	50
1962418	240/185	32	21	25,5	19	70	43	133	6-3/4-2	50
1962424	240/240	32	21	28	21,5	70	43	133	6-3/4-2	50

SEALED BI-METALIC AL-CU PIN CONNECTORS

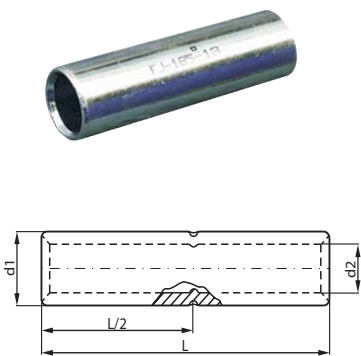
They are used to connect aluminum conductors to copper connectors.



Code No.	Diameter (mm ²)	d1 (mm)	d2 (mm)	L (mm)	L1 (mm)	No. of crimping mech./hydr.	Packaging pcs.
1970016	16/4,5	5,8	4,5	45	17	4/2	100
1970025	25/6	6,8	6,0	58	20	4/2	50
1970035	35/7	8,0	7,0	74	22	5/2	50
1970050	50/8	9,8	8,0	77	25	5/2	50
1970070	70/10	11,2	10,0	91	30	6/3	50
1970095	95/12	13,2	12,0	101	33	6/3	50
1970120	120/12	14,7	12,0	106	38	6/3	25
1970150	150/12	16,3	12,0	112	38	6/3	25
1970185	185/14	18,3	14,0	120	44	6/3	25
1970240	240/16	21,0	16,0	128	44	8/3	10

CU COUPLING CRIMPING CONNECTORS

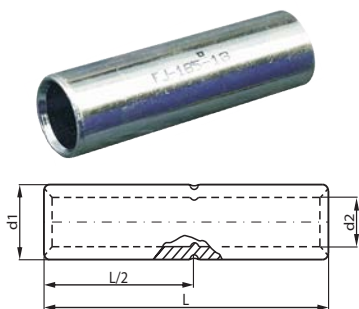
They are made of electrolytic copper, and the surface is galvanized. They are used for the continuation of copper conductors of the same section by hexagonal crimping. Connection according to IEC/EN 61238-1.



Code No.	Diameter (mm ² /mm ²)	d1 (mm)	d2 (mm)	L (mm)	No. of crimping mech./hydr.	Packaging pcs.	Weight kg/100 pcs
3200006	FSCCu-6	5,5	3,8	26	2-2/-	300	0,35
3200010	FSCCu-10	6,0	4,5	35	2-2/-	200	0,73
3200016	FSCCu-16	8,5	5,5	45	2-2/1-1	200	1,35
3200025	FSCCu-25	10,0	7,0	45	2-2/1-1	200	1,60
3200035	FSCCu-35	12,0	8,5	45	2-2/1-1	300	2,35
3200050	FSCCu-50	14,0	10,0	61	3-3/1-1	200	4,05
3200070	FSCCu-70	16,5	12,0	61	3-3/1-1	100	5,46
3200095	FSCCu-95	18,0	13,5	75	4-4/2-2	100	7,30
3200120	FSCCu-120	19,0	15,0	75	4-4/2-2	150	8,00
3200150	FSCCu-150	21,0	16,5	75	4-4/2-2	100	8,50
3200185	FSCCu-185	24,0	19,0	80	4-4/2-2	50	12,50
3200240	FSCCu-240	26,0	21,0	85	-/2-2	75	14,40
3200300	FSCCu-300	32,0	24,5	124	-/2-2	25	36,72
3200400	FSCCu-400	38,5	27,5	150	-/3-3	15	75,50
3200500	FSCCu-500	42,0	31,0	160	-/3-3	10	89,76
3200630	FSCCu-630	44,0	34,5	160	-/4-4	10	33,40

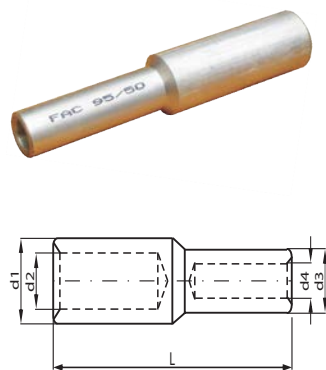
CU COUPLING CRIMPING CONNECTORS (DIN 46267-1)

They are made according to DIN - 46267-1 from electrolytic copper and the surface is galvanized. They are used for the continuation of copper conductors of the same section by hexagonal crimping. By special order, we make high-voltage Cu-sleeves for crimping and soldering.



Code No.	Diameter (mm ² /mm ²)	d1 (mm)	d2 (mm)	L (mm)	No. of crimping mech./hydr.	Packaging pcs.	Weight kg/100 pcs
3210006	D-FSCCu-6	5,5	3,8	30	2-2/-	200	0,30
3210010	D-FSCCu-10	6,0	4,5	30	2-2/-	200	0,30
3210016	D-FSCCu-16	8,5	5,5	50	2-2/1-1	100	1,50
3210025	D-FSCCu-25	10,0	7,0	50	2-2/1-1	100	1,80
3210035	D-FSCCu-35	12,5	8,2	50	2-2/1-1	100	3,10
3210050	D-FSCCu-50	14,5	10,0	56	3-3/2-2	100	4,30
3210070	D-FSCCu-70	16,5	11,5	56	3-3/2-2	100	5,50
3210095	D-FSCCu-95	19,0	13,5	70	4-4/2-2	100	8,80
3210120	D-FSCCu-120	21,0	15,5	70	4-4/2-2	100	9,80
3210150	D-FSCCu-150	23,5	17,0	80	4-4/2-2	50	14,70
3210185	D-FSCCu-185	25,5	19,0	85	4-4/2-2	50	17,20
3210240	D-FSCCu-240	29,0	21,5	90	-/3-3	40	25,20
3210300	D-FSCCu-300	32,0	24,5	100	-/3-3	40	29,70

AL REDUCTION CRIMPING CONNECTORS

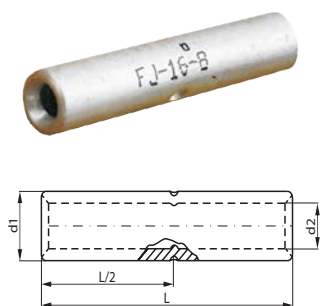


Code No.	Diameter (mm ² /mm ²)	d1 (mm)	d2 (mm)	d3 (mm)	d4 (mm)	L (mm)	No. of crimping mech./hydr.	Packaging pcs.	Weight kg/100pcs
2102516	FAC-25/16	12,0	6,8	11,0	5,5	90,0	4-4/2-2	100	2,00
2103516	FAC-35/16	12,0	8,0	11,0	5,5	90,0	5-5/2-2	100	2,25
2103525	FAC-35/25	14,0	8,0	12,0	6,8	106,5	5-5/2-2	100	2,40
2105016	FAC-50/16	15,6	9,8	11,0	5,5	106,5	5-5/2-2	100	3,10
2105025	FAC-50/25	15,6	9,8	12,0	6,8	106,5	5-5/2-2	100	3,30
2105035	FAC-50/35	15,6	9,8	14,0	8,0	106,5	5-5/2-2	100	3,50
2107035	FAC-70/35	18,0	11,2	14,0	8,0	106,5	6-6/3-3	75	4,00
2107050	FAC-70/50	18,0	11,2	15,6	9,8	106,5	6-6/3-3	75	4,35
2109535	FAC-95/35	22,0	13,2	14,0	8,0	106,5	6-6/3-3	75	5,73
2109550	FAC-95/50	22,0	13,2	15,6	9,8	106,5	6-6/3-3	75	6,00
2109570	FAC-95/70	22,0	13,2	18,0	11,2	106,5	6-6/3-3	75	6,50
2112035	FAC-120/35	22,0	14,7	14,0	8,0	133,0	6-6/3-3	50	5,70
2112050	FAC-120/50	22,0	14,7	15,6	9,8	133,0	6-6/3-3	50	6,10
2112070	FAC-120/70	22,0	14,7	18,0	11,2	133,0	6-6/3-3	50	6,60
2112095	FAC-120/95	22,0	14,7	20,0	13,2	133,0	6-6/3-3	50	8,40
2115050	FAC-150/50	25,0	16,3	15,6	9,8	133,0	6-6/33	25	7,60
2115070	FAC-150/70	25,0	16,3	18,0	11,2	133,0	6-6/3-3	25	7,20
2115095	FAC-150/95	25,0	16,3	22,0	13,2	133,0	6-6/3-3	25	9,60
2115096	FAC-150/120	25,0	16,3	22,0	14,7	133,0	6-6/3-3	25	8,95
2118570	FAC-185/70	28,0	18,3	18,0	11,2	143,5	6-6/3-3	25	10,17
2118595	FAC-185/95	28,0	18,3	22,0	13,2	143,5	6-6/3-3	25	12,14
2115096	FAC-185/120	28,0	18,3	22,0	14,7	143,5	6-6/3-3	25	10,90
2118570	FAC-185/150	28,0	18,3	25,5	16,3	143,5	6-6/3-3	25	12,30

They are used to connect Al conductors of the same section, using the hexagonal crimping method, connection according to IEC/EN 61238-1.

We recommend FEMAN type presses.

AL CRIMPING CONNECTORS (IEC/EN 61238-1)

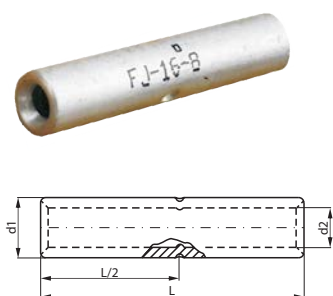


Code No.	Designation (mm ²)	d1 (mm)	d2 (mm)	L (mm)	No. of crimping mech./hydr.	Packaging pcs.	Weight kg/100pcs
2100016	FAC - 16	11,0	5,5	53,0	3-3/-	300	1,09
2100025	FAC - 25	12,0	6,8	53,0	3-3/-	200	1,20
2100035	FAC - 35	14,0	8,0	57,5	3-3/2-2	100	1,75
2100050	FAC - 50	16,0	9,8	66,5	4-4/2-2	100	2,11
2100070	FAC - 70	18,0	11,2	70,0	4-4/2-2	100	3,07
2100095	FAC - 95	22,0	13,2	87,0	5-5/3-3	100	6,41
2100120	FAC - 120	22,0	14,7	104,0	6-6/3-3	100	6,00
2100150	FAC - 150	25,0	16,3	117,0	6-6/3-3	100	9,00
2100185	FAC - 185	28,0	18,3	123,0	6-6/3-3	50	11,70
2100240	FAC - 240	32,0	21,0	140,0	7-7/3-3	25	16,17
2100300	FAC - 300	34,0	23,3	140,0	7-7/3-3	10	22,50

They are used to connect Al conductors of the same section, using the hexagonal pressing method, connection according to IEC/EN 61238-1.

We recommend FEMAN type presses.

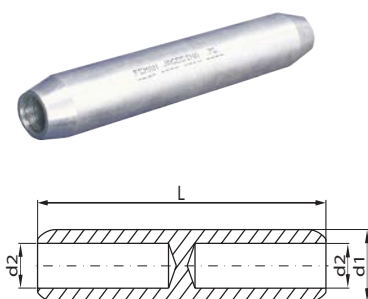
AL CRIMPING CONNECTORS (DIN 46267-2)



Code No.	Designation (mm ²)	d1 (mm)	d2 (mm)	L (mm)	No. of crimping mech./hydr.	Packaging pcs.	Weight kg/100pcs
2120016	D-FAC-16	11,0	5,6	55	3-3/-	100	1,00
2120025	D-FAC-25	12,0	6,8	70	4-4/2-2	100	1,50
2120035	D-FAC-35	14,0	8,0	85	5-5/3-3	100	2,40
2120050	D-FAC-50	16,0	9,8	85	5-5/3-3	100	2,90
2120070	D-FAC-70	18,5	11,2	105	6-6/3-3	100	4,80
2120095	D-FAC-95	22,0	13,2	105	6-6/3-3	100	6,90
2120120	D-FAC-120	23,0	14,7	105	6-6/3-3	100	7,00
2120150	D-FAC-150	25,0	16,3	125	7-7/3-3	100	9,50
2120185	D-FAC-185	28,5	18,3	125	7-7/3-3	50	12,60
2120240	D-FAC-240	32,0	21,0	145	7-7/3-3	50	17,90
2120300	D-FAC-300	34,0	23,3	145	7-7/3-3	50	18,80

They are used to connect Al conductors of the same section, using the hexagonal pressing method. They are made according to DIN 46267-2.

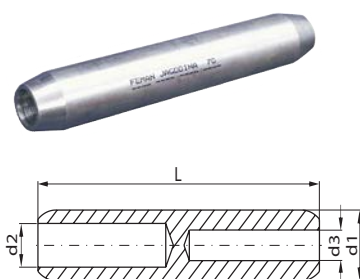
AL CRIMPING CONNECTORS (10 - 35 KV)



Code No.	Designation (mm ²)	d1 (mm)	d2 (mm)	L (mm)	No. of crimping mech./hydr.	Packaging pcs.	Weight kg/100 pcs
2200025	Al-SC- 25	16	6,8	90,5	4-4/2-2	100	4,0
2200035	Al-SC- 35	16	8,0	90,5	4-4/2-2	50	3,8
2200050	Al-SC- 50	20	9,8	106,5	4-4/2-2	50	7,2
2200070	Al-SC- 70	20	11,2	106,5	4-4/2-2	50	6,4
2200095	Al-SC- 95	20	13,2	106,5	4-4/2-2	25	5,4
2200120	Al-SC- 120	25	14,7	133,0	4-4/2-2	25	11,4
2200150	Al-SC- 150	25	16,3	133,0	4-4/2-2	25	10,1
2200185	Al-SC- 185	32	18,3	143,5	4-4/2-2	25	18,5
2200240	Al-SC- 240	32	21,0	143,5	5-5/2-2	25	17,5
2200300	Al-SC- 300	40	23,3	218,0	5-5/2-2	25	48,6

They are used to connect Al conductors of the same cross-section, using the pressing method by deep crimping in a closed matrix, according to IEC/EN 61238-1. We recommend the use of the hydraulic press FS 240 with the appropriate tool.

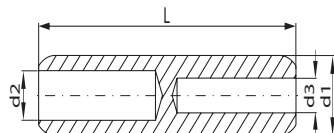
AL REDUCTION CONNECTORS (10 - 35 KV)



Code No.	Designation (mm ²)	d1 (mm)	d2 (mm)	d3 (mm)	L (mm)	Packaging pcs.	Weight kg/100pcs
2205035	Al-SC- 50/35	20	9,3	8,0	106,5	25	7,5
2207016	Al-SC- 70/16	20	11,2	5,5	106,5	25	7,5
2207035	Al-SC- 70/35	20	11,2	8,0	106,5	25	8,0
2207050	Al-SC- 70/50	20	11,2	9,3	106,5	25	8,0
2209535	Al-SC- 95/35	20	13,2	8,0	106,5	25	8,5
2209550	Al-SC- 95/50	20	13,2	9,3	106,5	25	8,5
2209570	Al-SC- 95/70	20	13,2	11,2	106,5	25	8,0
2212035	Al-SC- 120/35	25	14,7	8,0	133,0	25	15,0
2212050	Al-SC- 120/50	25	14,7	9,2	133,0	25	15,0
2212070	Al-SC- 120/70	25	14,7	11,2	133,0	25	15,0
2212095	Al-SC- 120/95	25	14,7	13,2	133,0	25	15,0
2215035	Al-SC- 150/35	25	16,3	8,0	133,0	25	14,0
2215050	Al-SC- 150/50	25	16,3	9,3	133,0	25	15,0
2215070	Al-SC- 150/70	25	16,3	11,2	133,0	25	14,5
2215095	Al-SC- 150/95	25	16,3	13,2	133,0	25	14,0
2215012	Al-SC- 150/120	25	16,3	14,7	133,0	25	14,0
2218512	Al-SC- 185/120	32	18,3	14,7	143,5	25	25,0
2218515	Al-SC- 185/150	32	18,3	16,3	143,5	25	25,0
2224015	Al-SC- 240/150	32	21,0	16,3	143,5	25	25,0

They are used to connect Al conductors of different cross-sections, using the pressing method by deep crimping in a closed matrix, according to IEC/EN 61238-1. We recommend the use of the hydraulic press FS 240 with the appropriate tool.

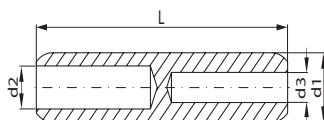
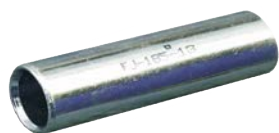
AL COMPRESSION REDUCTION CONNECTORS (1-10 KV)



Code No.	Designation (mm ² /mm ²)	d1 (mm)	d2 (mm)	d3 (mm)	L (mm)	No. of crimping mech./hydr.	Packaging pcs.
2102516	FKCA-R 25/16	12	6,8	5,6	75	4-4/2-2	100
2103516	FKCA-R 35/16	14	8	5,6	85	4-4/2-2	100
2103526	FKCA-R 35/25	14	8	6,8	85	4-4/2-2	100
2105026	FKCA-R 50/25	16	9,8	6,8	90	4-4/2-2	100
2105036	FKCA-R 50/35	16	9,8	8	90	4-4/2-2	100
2107036	FKCA-R 70/35	18	11,2	8	100	6-6/3-3	100
2107051	FKCA-R 70/50	18	11,2	9,8	100	6-6/3-3	100
2109551	FKCA-R 95/50	22	13,2	9,8	105	6-6/3-3	100
2109571	FKCA-R 95/70	22	13,2	11,2	105	6-6/3-3	100
2112071	FKCA-R 120/70	23	14,7	11,2	120	6-6/3-3	50
2112096	FKCA-R 120/95	23	14,7	13,2	120	6-6/3-3	50
2115071	FKCA-R 150/70	25	16,3	14,7	125	6-6/3-3	50
2115097	FKCA-R 150/95	25	16,3	13,2	125	6-6/3-3	50
2115098	FKCA-R 150/120	25	16,3	14,7	125	6-6/3-3	50

They are used to connect Al conductors of different sections, using the hexagonal crimping method. Connection according to IEC/EN 61238-1. We recommend FEMAN type presses.

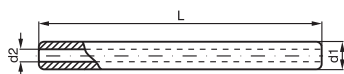
CU REDUCTION CONNECTORS



Code No.	Designation (mm ² /mm ²)	d1 (mm)	d2 (mm)	d3 (mm)	L (mm)	No. of crimping mech./hydr.	Packaging pcs.	Weight kg/100pcs
2119550	FRCCu 95/50	18	13,3	10	72,5	4-4	100	3,50
2119570	FRCCu 95/70	18	13,5	12	72,5	4-4	100	3,50
2112195	FRCCu 120/95	19	15	13,5	82,5	4-4	100	3,50

They are used to connect Cu conductors of different cross-sections, using the hexagonal crimping method. Connection according to IEC/EN 61238-1. We recommend FEMAN type presses.

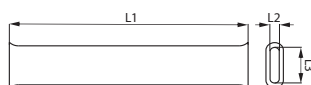
COMPRESSION CONNECTORS FOR EXTENDING SUPPORT CABLES



Code No.	Designation (mm ²)	d1 (mm)	d2 (mm)	L (mm)	No. of crimping mech./hydr.	Packaging pcs.	Weight kg/100 pcs
2102073	FPČ - 35	16	8	182	6-6	20	20,2
2102075	FPČ - 50	19	9,7	185	6-6	20	30,5
2102077	FPČ - 70	21	11	200	6-6	20	37,3

They are used to continue the support cable of the medium voltage ABC. It is made of stainless steel. For crimping, we recommend the press FCO - 630 with appropriate inserts.

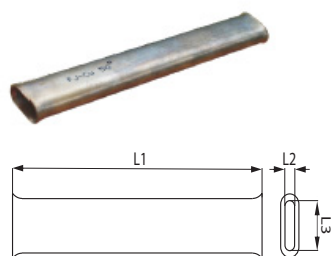
NOTCH ALUMINIUM CONNECTORS



Code No.	Designation (mm ²)	Al-Fe Conductor (mm ²)	L1 (mm)	L2 (mm)	L3 (mm)	Al-pad thickness (mm)	No. of notches	Packaging pcs.	Weight kg/100pcs
2000025	ZSK - 25	25/4	114	6,8	15,8	1,5	2x3	25	3,2
2000035	ZSK - 35	35/6	130	8,3	18,3	1,5	2x3	25	4,3
2000050	ZSK - 50	50/8	184	10,5	22	1,5	2x4	25	8,1
2000070	ZSK - 70	70/12	204	12,8	26,3	1,5	2x4	25	10,6
2000095	ZSK - 95	95/15	294	15,8	32,3	2,0	2x5	25	17,4
2000125	ZSD - 25	25/4	274	6,8	15,8	1,5	2x7	25	7,5
2000135	ZSD - 35	35/6	310	8,3	18,3	1,5	2x7	25	10,2
2000150	ZSD - 50	50/8	384	10,5	22	1,5	2x8	25	16,8
2000170	ZSD - 70	70/12	468	12,8	26,3	1,5	2x8	25	24,4
2000195	ZSD - 95	95/15	658	15,8	32,3	2,0	2x10	20	39,0
2000196	ZSD - 120	120/15	880	19,0	36,0	2,0	2x10	20	52,0

They are used for the continuation of AlFe (ACSR) conductors. Short notched connectors (ZSK) are used for mechanically unloaded connections, and long ones (ZSD) are used for current connections of AlFe (ACSR) conductors mechanically loaded (in span). The connection is made with a suitable tool (FEMAN press with inserts for notched connectors).

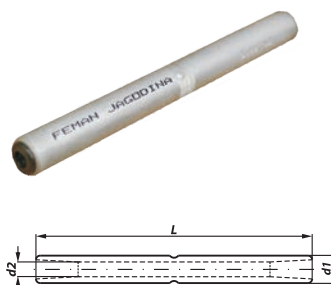
NOTCH COPPER CONNECTORS



Code No.	Designation (mm ²)	Cu uže (mm ²)	L1 (mm)	L2 (mm)	L3 (mm)	No. of notches	Packaging pcs.	Weight kg/100pcs
2000216	ZSCu-16	16	95	5,6	11,2	2x3	25	15
2000225	ZSCu-25	25	105	7,0	14,0	2x3	25	26
2000235	ZSCu-35	35	122	8,0	16,0	2x3	25	45
2000250	ZSCu-50	50	150	10,0	19,5	2x4	25	75

They are used to continue the Cu support cables. The connection is made with a suitable tool (FEMAN press with inserts for notched connectors).

AL COMPRESSION CONNECTORS



Code No.	Diameter (mm ² /mm ²)	d1 (mm)	d2 (mm)	L (mm)	No. of crimping mech./hydr.	Packaging pcs.	Weight g/100 pcs
2101016	FKC - 16	12	5,5	140	6-6	100	3,00
2101025	FKC - 25	12	6,8	140	6-6	100	3,50
2101035	FKC - 35	14	8	140	6-6	100	4,00
2101050	FKC - 50	16	9,8	155	8-8	50	5,05
2101070	FKC - 70	18	11,2	165	8-8	50	7,43
2101071	FKC - 71,5	18	11,5	165	8-8	50	7,43

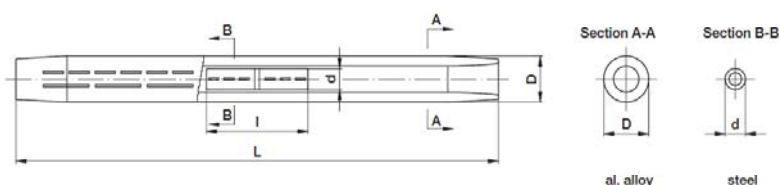
They are used to connect Al conductors of the same cross-section, using the hexagonal crimping method in non-insulated overhead and underground networks. We recommend crimping FEMAN type presses.

COMPRESSION CONNECTORS FOR AL-FE (ACSR) ROPES

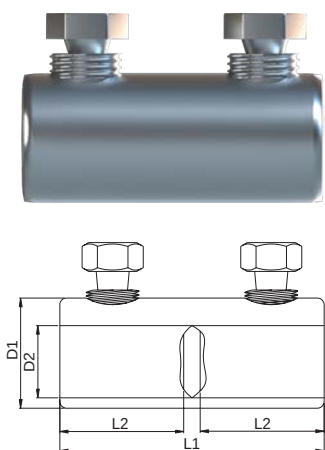


Code No.	Diameter (mm ² /mm ²)	D (mm)	D1 (mm)	L (mm)	d (mm)	d1 (mm)	l (mm)	Packaging pcs.	Weight kg/100 pcs
2102116	FSC ACSR 16/2,5	12	5,5	200	6,3	2	65	50	5,9
2102125	FSC ACSR 25/4	12	6,8	200	6,3	2,5	65	50	6,5
2102135	FSC ACSR 35/6	14	8	235	6,3	3	75	50	9,0
2102150	FSC ACSR 50/8	16	9,8	270	7,5	3,5	95	20	13,2
2102170	FSC ACSR 70/12	18	12,5	270	9,5	5	95	20	21,0
2102500	FSC ACSR 95/15	22,5	13	310	9,6	6	95	10	32,4
2102502	FSC ACSR 120/20	25	16,3	380	13	7	110	10	41,8

They are used to continue ACSR conductors. They consist of two shells. One of Al for the continuation over the Al outer part of the ACSR conductor and the other of steel for the continuation of the Fe conductor core. First, a steel sleeve is pressed with a suitable press, and then an Al sleeve is pressed, which is previously pulled onto the pressed steel sleeve. For pressing, we recommend the press FCO - 630 with appropriate inserts.



1 kV MECHANICAL SHEAR BOLT CONNECTOR (DIN 47640)

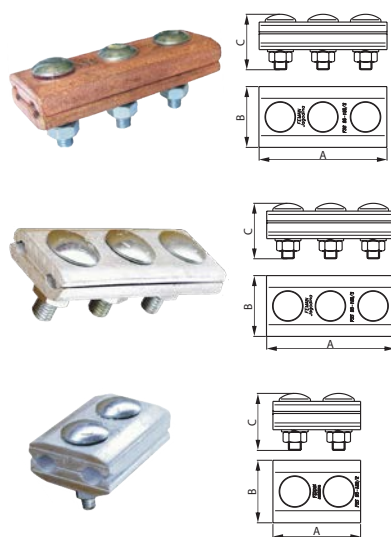


Code No.	Designation (mm ²)	L1 (mm)	L2 (mm)	D1 (mm)	D2 (mm)	Bolt size (mm)	Contact screw (pcs)	Shear-off torque (Nm)
2470035	FVCSG 10-35	40	18	16	9	10	2	8±1
2470095	FVCSG 25-95	55	25,5	25	13	13	2	25±3
2470120	FVCSG 70-120	70	28	28	17	17	2	30±3
2470150	FVCSG 35-150	80	37	35	21	19	2	35±3
2470240	FVCSG 150-240	80	37	35	23	22	2	38±3

They are used to connect Al-Al, Cu-Cu and Al-Cu conductors in low-voltage networks. The sleeve body and torque bolts are made of strong aluminum alloy.

With the help of torque screws with a self-breaking head, tightening force is regulated, thus ensuring a good electrical connection. The screws cannot be removed after tearing the head.

CURRENT CLAMPS

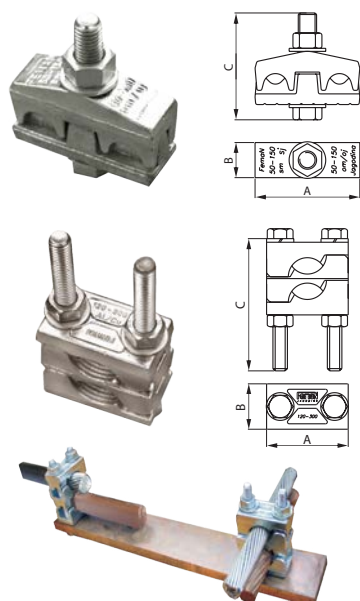


Code No.	Designation (mm ² /screw M)	A (mm)	B (mm)	C (mm)	Packaging pcs.	Weight g/100 pcs
3695122	FSS Cu 50-70/3	120	46,8	43	25	106,00
3695123	FSS Cu 95-120/3	120	53	52	15	-
3716352	FSS 16-35/2	70	36,8	35,7	25	18,00
3716353	FSS 16-35/3	105	36,8	35,7	25	23,70
3735502	FSS 35-50/2	75	36,8	35	25	18,00
3735503	FSS 35-50/3	115	36,8	35	25	28,60
3750702	FSS 50-70/2	80	46,8	43	25	26,20
3750703	FSS 50-70/3	120	46,8	43	25	36,50
3795122	FSS 95-120/2	80	57	52	15	41,00
3795123	FSS 95-120/3	100	50	55	15	58,40

They are made of aluminum alloy, i.e. of copper. These clamps are used as starting and ending clamps in all places where extremely high mechanical strength of the connection of phase conductors made of pure copper, aluminum or aluminum-steel conductors is required, according to IEC/EN 61238-1. These clamps are composed of two separate parts, the lower and the upper. By connecting these parts of the clamp, channels for grooving and fixing the conductors of the appropriate section are obtained.

The channels are made with transverse folds, i.e. grooves to prevent conductor slip under normal loads. The grooves also serve to destroy the aluminum oxide on the surface of the conductor, and therefore to achieve good electrical contact. The parts of this clamp are connected with two or three screws, by using a single wrench. The screws are well protected from corrosion by galvanizing, and upon special order they can also be hot-dip galvanized.

FEPOS DISTANCE CONNECTING CLAMPS



Code No.	Diameter (mm ² /mm ²)	A (mm)	B (mm)	C (mm)	Screw	Packaging pcs.	Weight g/100 pcs
3301635	FEPOS 16-35/50-95	36	19	56	M8	75	14,1
3305095	FEPOS 50-95/70-120	48,6	21	66,5	M10	50	22,2
3307015	FEPOS 70-150/95-185	57	22	78	M12	25	34,4

SYMMETRICAL

Code No.	Designation (mm ² /mm ²)	A (mm)	B (mm)	C (mm)	Screw	Packaging pcs.	Weight g/100 kom
3311635	FEPOS 16-35S	36	18,6	53,5	M8	75	13,0
3315015	FEPOS 50-150S	68,7	23	78	M12	50	45,7

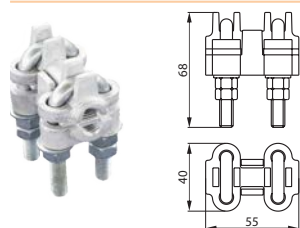
DOUBLE

Code No.	Designation (mm ² /mm ²)	A (mm)	B (mm)	C (mm)	Screw	Packaging pcs.	Weight g/100 kom
3315300	FEPOS 120-300	45	25	80	M8	25	32,8

They are used to connect cable conductors to busbars according to IEC/EN 61238-1. They are made of a forged brass alloy that enables the simultaneous connection of aluminum and copper conductors. The surface is protected by electrolytic galvanizing.

Double clamps are suitable for stringing conductors one above the other (up to four conductors).

ALUMINUM SERRATED CLAMPS



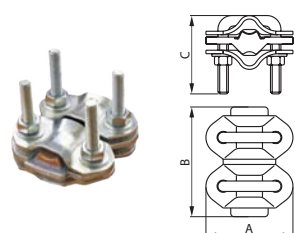
This type of serrated clamp is used on connections that conduct current, and should withstand the mechanical stresses of the lines, according to IEC/EN 61238-1. They are also suitable for splitting the network and attaching additional conductors to the main conductor. They are suitable for connecting cables of the same or different cross-section of 50-70 (mm).

Packaging: 50 pcs.

Weight: 19,54 kg/100 pcs.

Code No.: 3004000

AL-CU COMBINET TAP-OFF CLAMPS

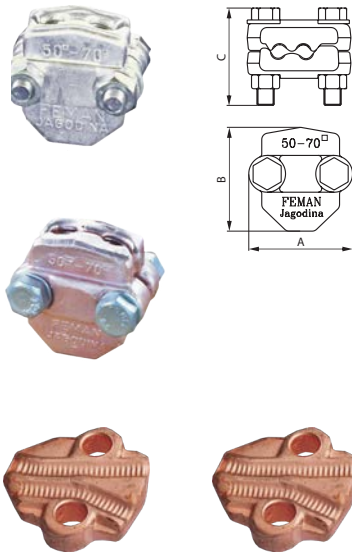


Code No.	Designation (mm ²)	Diameter - mm ²		A (mm)	B (mm)	C (mm)	U clamp	Packaging pcs.	Weight g/100 pcs
		Al	Cu						
3006351	Al-Cu 6-35/I	6-10	35	50	35	45	2xM6	100	7,00
3016702	Al-Cu 16-70/II	2x10-16	70	50	64	45	2xM6	50	13,40
3025151	Al-Cu 25-150I	10-25	150	64	40	60	2xM8	50	13,00
3025152	Al-Cu 25-150/II	2x10-25	150	64	72,5	60	2xM8	25	26,40

It is used for connecting aluminum and copper lines and for the transition of Al lines to Cu lines. Connection according to IEC/EN 61238-1.

NOTE: Instead of this clamp, we recommend using the SUPER UNIMAX clamp!

AL AND CU TERMINATION CLAMPS

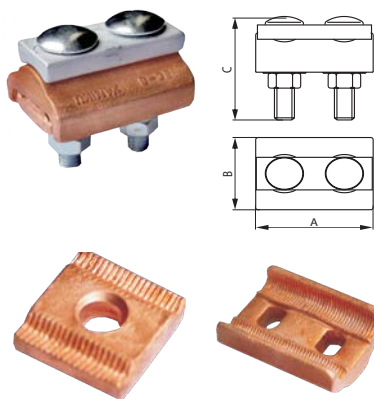


Code No.	Designation (mm ² /screw M)	A (mm)	B (mm)	C (mm)	Packaging pcs.	Weight g/100 pcs
2802535	FZS - Al 25-35	35	48	40,5	75	10,8
2805070	FZS - Al 50/70	61	59	52	40	22,4
2809512	FZS - Al 95/120	78	70	60	15	45,5
2812535	FZS - Cu 25/35	48	47	40,5	50	30,8
2815070	FZS - Cu 50/70	60	60	52	25	63,3
2819512	FZS - Cu 95/120	78	70	60	15	136,1

They are used as starting and finishing joints at all joint points where extremely high mechanical strength of the joint is required according to IEC/EN 61238-1. They are made in three sizes for cross section ropes: 25-35, 50-70 and 95-120. For Al and Al-Fe (ACSR) conductors are made of Al alloy by forging. For Cu conductors, they are made of 99.9% copper, by forging. These clamps are composed of two separate parts, the lower and the upper. By connecting these parts of the clamp, channels for grooving and fixing the conductors of the appropriate section are obtained. **The channels are made with transverse folds to prevent the conductor from slipping under normal load.**

The parts of this clamp are connected with two screws that are well protected against corrosion. Prevention of unscrewing is achieved with an elastic washer. The FEMAN end clamp must satisfy the normal permissible tension of the conductor. In the event that increased mechanical stress is expected, the connection should be made with two or more clamps. The material from which the clamps are made and the manufacturing technology guarantee that the FEMAN clamp cannot crack or break.

CU UNIMAX COMBINED TAP-OFF CLAMPS

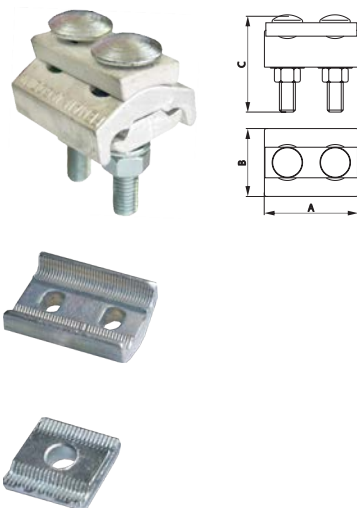


Code No.	Designation (mm ²)	A (mm)	B (mm)	C (mm)	Truss-head screw	Packaging pcs.	Weight g/100 pcs
2500425	UNIMAX 4/25	40	26	37	2xM6	50	12,20
2500635	UNIMAX 6/35	40	30	39	2xM6	50	13,40
2500650	UNIMAX 6/50	47	34	48	2xM8	25	23,20
2501095	UNIMAX 10/95	52,5	40	55	2xM8	25	34,60

They are used to connect tap-off and connecting Cu-conductors to Cu-non-insulated air line, according to IEC/EN 61238-1. They are made by forging to obtain transverse grooves that serve to destroy oxides, and at the same time, a larger contact surface and a stronger mechanical connection are obtained. A bridge is installed on the clamp, which achieves even pressure on the conductor and thus better conductivity.

Installation of the UNIMAX clamp is carried out with a single wrench.

AL UNIMAX UNIVERSAL TAP-OFF CLAMPS



Code No.	Designation (mm ²)	A (mm)	B (mm)	C (mm)	Truss-head screw	Packaging pcs.	Weight g/100 pcs
2600425	UNIMAX 4/25	40	26	37	2xM6	100	5,60
2600635	UNIMAX 6/35	40	30	39	2xM6	75	6,20
2600650	UNIMAX 6/50	47	34	48	2xM8	100	11,80
2601095	UNIMAX 10/95	52,5	40	55	2xM8	75	13,80
2625150	UNIMAX 25/150	64	50	55	2xM10	20	26,40
2625185	UNIMAX 25/185	64	50	55	2xM10	20	26,40

They are used to connect tap-off and connecting Al conductors to an Al non-insulated aerial line, according to IEC/EN 61238-1. In addition to good mechanical properties, it also has extremely good electrical properties. It is made of high purity aluminum according to DIN 40501. **FEMAN's "UNIMAX" clamp is made by pressure die casting, and the channels are made with transverse grooves that destroy the aluminum oxide on the surface of the conductor during clamping and achieve better electrical contact.**

At the same time, this innovation improved the mechanical characteristics of this clamp. The introduction of transverse grooves along the channel represents a significant improvement in the quality and reliability of the connection. With a different model of UNIMAX clamp made of Al profile without grooves, due to the layer of aluminum oxide, there is an increased transition resistance between the clamp and the conductor, and therefore poor contact of the branch line. The connection of the parts of this clamp is performed by means of two truss head screws which are pressed into the bridge of the clamp, which facilitates the installation by using only single wrench.

SUPER UNIMAX CLAMPS

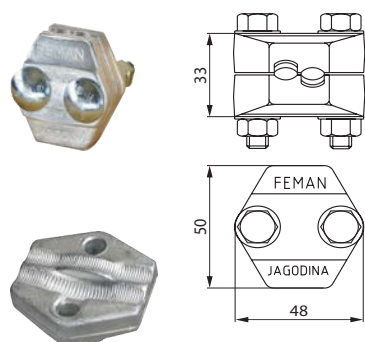


Code No.	Designation (mm ²)	A (mm)	B (mm)	C (mm)	Truss-head screw	Packaging pcs.	Weight g/100 pcs
2700425	FS-UNIMAX 4/25	40	26	37	2xM6	50	12,20
2700635	FS-UNIMAX 6/35	40	30	39	2xM6	50	12,80
2700650	FS-UNIMAX 6/50	47	34	48	2xM8	50	23,20
2701095	FS-UNIMAX 10/95	52,5	40	55	2xM8	50	32,40
2702515	FS-UNIMAX 25/150	64	50	55	2xM10	25	49,24

This clamp was designed according to the special request of the Electric Utility Company of Serbia. It represents a unique and completely new product on the European market. It is made of a special alloy that enables the simultaneous connection of aluminum and copper air lines, without the appearance of electrolytic and electrochemical corrosion, according to IEC/EN 61238-1. The test results show that this clamp is far better than the previously used Al-Cu combined tap-off clamp that has the same purpose.

The "SUPER - UNIMAX" clamp equally satisfies both mechanical and electrical requirements for connections. They are made by forging to obtain transverse teeth that serve to destroy oxides, and at the same time, a larger contact surface and a stronger mechanical connection are obtained. A bridge is installed on the clamp, which achieves more even pressure on the conductor, and thus better conductivity. Installation of the UNIMAX clamp is carried out using single wrench.

FEFIX CLAMPS

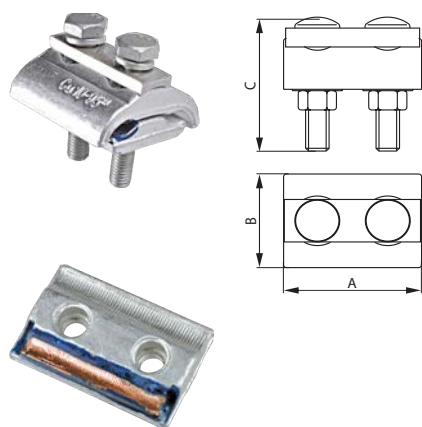


Code No.	Designation (mm ²)	Diameter (mm)	Packaging pcs.	Weight kg/100 pcs
3003550	FEFIX 35-50	7,5-9,5	25	16,8

The Feman fixing clamp is used for Al-Fe (ACSR) conductors, as a starting and ending connection and at all connection points where extremely high connection strength is required according to IEC/EN 61238-1.

It is suitable for quick assembly and disassembly because a single wrench is used for tightening without the use of a counter wrench. It is serrated, which further increases the strength of the joint.

AL-CU UNIMAX UNIVERSAL TAP-OFF CLAMP



Code No.	Designation (mm ²)	A (mm)	B (mm)	C (mm)	Truss-head screw	Packaging pcs.	Weight g/100 pcs
2703070	Cu 6-50/Al 16-70	40	42	50	2xM8	75	11,2
2703150	Cu 10-95/Al 25-150	50	46	55	2xM8	100	14,2
2703240	Cu 16-185/Al 35-240	63	58	67	2xM10	75	28

They are used to connect Al and Cu conductors on non-insulated aerial networks. They are made according to the IEC/EN 61238-1 standard. The body is made of aluminum die casted under pressure, and the channels are made with transverse grooves that destroy the aluminum oxide on the surface of the conductor during clamping, which achieves better conductivity, as well as better mechanical characteristics. On one side of the body, a Cu insert is placed, which enables the acceptance of the copper conductor, i.e. connection with the aluminum conductor. A bridge is installed on the clamp, which achieves a more even pressure on the conductor, and thus better conductivity. Mounting of the clamp is carried out using single wrench.

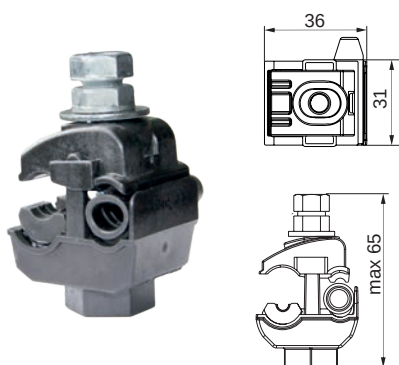
FemaN

2

ACCESSORIES FOR OVERHEAD ABC LINE SYSTEMS



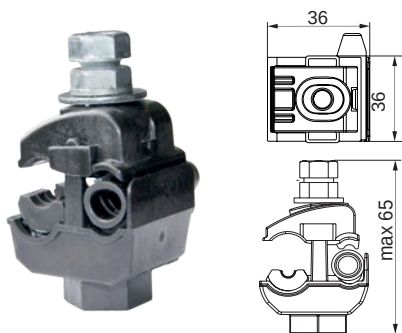
INSULATION PIERCING CONNECTOR FIDOS PC 95-10 AND PC 120-16



Code No.	Type	Application range mm ²	Maximum current I (A)	Tightening	Shear-off torque (Nm)	Contact teeth	Packaging pcs	Weight kg/100 pcs
3801595	PC 95-10	1,5-10/16-95	50	13	9	2 Cu	75	5,8
3801597	PC 120-16	1,5-16/6-120	65	13	9	2 Cu	75	5,8

It is used for connection of the branch line for lighting and other connections to the distribution aerial bundled cable line under voltage. Tightening of the main and branch lines is done with a torque nut, while the insulation is not removed from the cable lines. The connector is made in accordance with the EN 50483 standard.

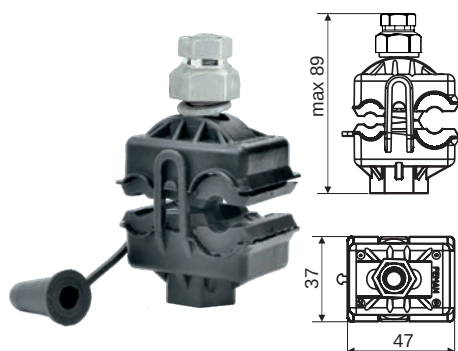
INSULATION PIERCING CONNECTOR FIDOS PC 120-16 Al



It is used for connection of the branch line for lighting and other connections to the distribution aerial bundled cable line under voltage. Tightening of the main and branch lines is done with a torque nut, while the insulation is not removed from the cable lines. The connector is made in accordance with the EN 50483 standard.

Code No.	Type	Application range mm ²	Maximum current I (A)	Tightening wrench size mm	Shear-off torque (Nm)	Contact teeth	Packaging pcs	Weight kg/100 pcs
3801599	PC 120-16 Al	1,5-16/6-120	65	13	9	4Al	75	6,1

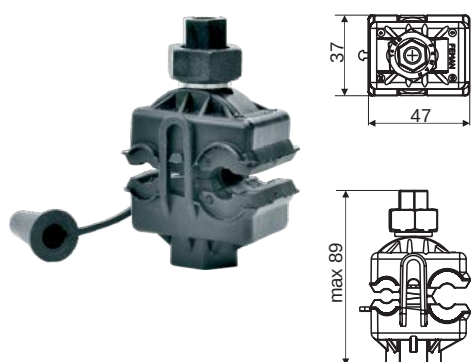
INSULATION PIERCING CONNECTOR FIDOS PC 6-95, PC 4-150 AND PC 2,5-150



Code No.	Type	Application range mm ²	Maximum current I (A)	Tightening wrench size (mm)	Shear-off torque (Nm)	Contact teeth	Packaging pcs	Weight kg/100 pcs
3804356	PC 6-95	6-35/16-95	120	13	14	8 Al	140	11
3804357	PC 6-95	6-35/16-95	120	13	14	4 Cu	140	12
3804351	PC 4-150	4-35/6-150	160	13	14	8 Cu	140	12,8
3804352	PC 4-150	4-35/6-150	120	13	14	4 Cu	140	12
3804355	PC 4-150	4-35/6-150	120	13	14	8 Al	140	11
3802150	PC 2,5-150	2,5-35/6-150	160	13	14	8 Cu	140	12,8
3802151	PC 2,5-150	25-35/6-150	120	13	14	4 Cu	140	12

It is used for connection of the branch line for residential connection to the distribution aerial bundled cable line under voltage. Tightening of the main and branch lines is done with a torque nut, while the insulation is not removed from the cable lines. The connector is made in accordance with the EN 50483 standard.

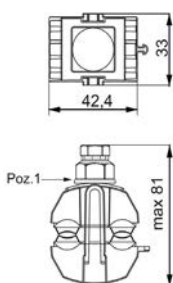
INSULATION PIERCING CONNECTOR FIDOS PC 4-150 P AND PC 2,5-95 P



Code No.	Type	Application range mm ²	Maximum current I (A)	Tightening wrench size (mm)	Shear-off torque (Nm)	Contact teeth	Packaging pcs	Weight kg/100 pcs
3804350	PC 4-150 P	4-35/6-150	120	13	14	4 Cu	140	12
3804358	PC 4-150 P	4-35/6-150	115	13	14	4 Al	140	10,5

It is used for connection of the branch line for residential connection to the distribution aerial bundled cable line under voltage. Tightening of the main and branch lines is done with a torque nut, while the insulation is not removed from the cable lines. The connector is made in accordance with the EN 50483 standard.

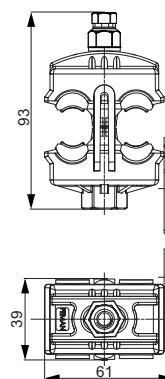
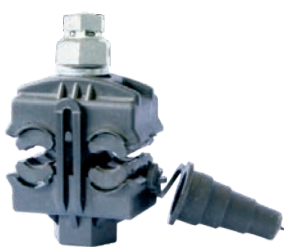
INSULATION PIERCING CONNECTOR FIDOS PC 16-95 AND PC 50-95



Code No.	Type	Application range mm ²	Maximum current I (A)	Tightening wrench size (mm)	Shear-off torque (Nm)	Contact teeth	Packaging pcs	Weight kg/100 pcs
3801095	PC 50-95	10-50/16-95	145	145	14	4 Cu	40	12

It is used for connection of the branch line for residential connection to the distribution aerial bundled cable line under voltage. Tightening of the main and branch lines is done with a torque nut, while the insulation is not removed from the cable lines. The connector is made in accordance with the EN 50483 standard.

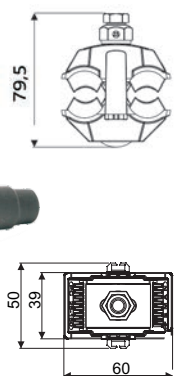
INSULATION PIERCING CONNECTOR FIDOS PC 16-150



Code No.	Type	Application range mm ²	Maximum current I (A)	Tightening wrench size (mm)	Shear-off torque (Nm)	Contact teeth	Packaging pcs	Weight kg/100 pcs
3802586	PC 16-150	16-150/16-150	300	13	24	8 Al	50	15

It is used for connection of the branch line of the low voltage distribution aerial bundled cable line under voltage. Tightening of the main and branch lines is done with a torque nut, while the insulation is not removed from the cable lines. The connector is made in accordance with the EN 50483 standard.

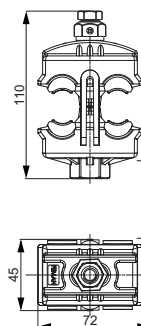
INSULATION PIERCING CONNECTOR FIDOS PC 25-150 AND PC 35-150



Code No.	Type	Application range mm ²	Maximum current I (A)	Tightening wrench size (mm)	Shear-off torque (Nm)	Contact teeth	Packaging pcs	Weight kg/100 pcs
3802580	PC 35-150	35-150/35-150	370	13	24	8 Cu	50	22
3802581	PC 35-150	35-150/35-150	300	13	24	4 Cu	50	18,5
3802585	PC 25-150	25-150/25-150	300	13	24	4 Cu	50	18,5

It is used for connection of the branch line for residential connection to the low voltage distribution aerial bundled cable line under voltage. Tightening of the main and branch lines is done with a torque nut, while the insulation is not removed from the cable lines. The connector is made in accordance with the EN 50483 standard.

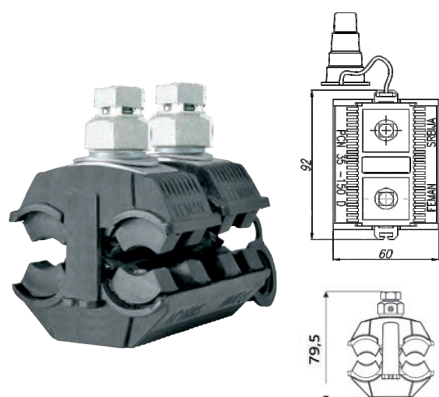
INSULATION PIERCING CONNECTOR FIDOS PC 70-240



Code No.	Type	Application range mm ²	Maximum current I (A)	Tightening wrench size (mm)	Shear-off torque (Nm)	Contact teeth	Packaging pcs	Weight kg/100 pcs
3802595	PC 70-240	70-240/70-240	420	13	24	4 Al	40	20

It is used for connection of branch line of low voltage aerial bundled cable to the distribution ABC line under voltage. Tightening of the main and branch lines is done with a torque nut, while the insulation is not removed from the cable lines. The connector is made in accordance with the EN 50483 standard.

INSULATION PIERCING CONNECTOR FIDOS DOUBLE PC 35-150D

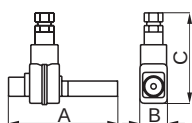


Code No.	Type	Application range mm ²	Maximum current I (A)	Tightening wrench size mm	Shear-off torque (Nm)	Contact teeth	Packaging pcs	Weight kg/100 pcs
----------	------	-----------------------------------	-----------------------	---------------------------	-----------------------	---------------	---------------	-------------------

3802592 PC 35-150 D 35-1500/35-150 300 13 24 8 Cu 25 46

It is used for connection of branch line of low voltage aerial bundled cable to the distribution aerial bundled cable line under voltage. Tightening of the main and branch lines is done with a torque nut, while the insulation is not removed from the cable lines. The connector is made in accordance with the EN 50483 standard.

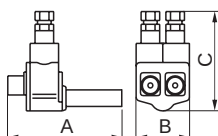
ADAPTER FOR IPC FIDOS PC 35-150



Code No.	Type	Designation mm ²	A mm	B mm	C mm	Packaging pcs.	Weight kg/100 pcs
----------	------	-----------------------------	------	------	------	----------------	-------------------

3802571 F1 1 x 6-35 80 23 71 50 4,2

3802572 F2 2 x 6-35 93 43 78 50 9,4

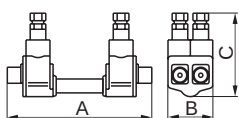


Code No.	Type	Weight kg/100 pcs
----------	------	-------------------

3802596 FIDOS (35) 50-150/(35)50-150 + adapter 1x6-35 50

3802597 FIDOS (35) 50-150/(35)50-150 + adapter 2x6-35 50

3802598 FIDOS (35) 50-150/(35)50-150 + adapter 4x6-35 50

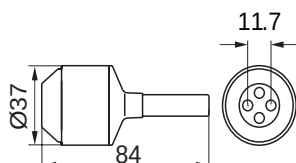


It is used for heavy-duty operating conditions for connecting a branch line to a live distribution aerial bundled cable line. Watertightness is ensured by a special rubber resistant to UV radiation and all atmospheric influences. Sealing of the joint reliably prevents the occurrence of electrolytic corrosion, and at the same time enables the connection of Al and Cu branch lines for residential connections. Tightening is done with torque nuts. The tightening force is automatically regulated by means of nuts that shear off only when the appropriate torque is achieved. To tighten the connector, use an OK-13 wrench. The connector is made in accordance with the EN 50483 standard.

NOTE:

During installation under voltage, the use of protective gloves is mandatory!

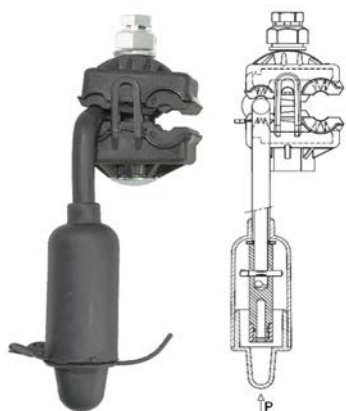
ADAPTER 4x1,5-16 mm² FOR IPC FIDOS PC 4-150 FA 5



Code No.	Type	Application range mm ²	Packaging pcs	Weight kg/100 pcs
----------	------	-----------------------------------	---------------	-------------------

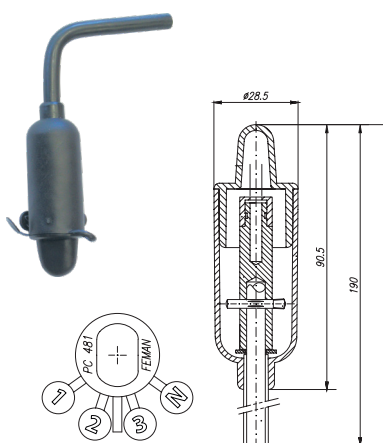
3802575 FA 5 4x1,5-16 100 6,8

It is used as a reducer for the FIDOS PC 4-150 connector, for a residential connection with the possibility of connecting 1, 2, 3 or 4 households using a single FIDOS connector. The adapter is fully insulated and watertight, ensuring a safe and long-lasting joint. The adapter enables the connection of Al and Cu conductors for residential connections. The adapter is in accordance with the EN 50483 standard.

INSULATED ADAPTER FOR SHORT CIRCUITING AND GROUNDING WITH IPC - PC 6-150 + PC 481

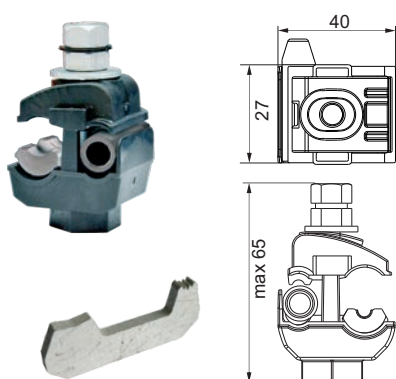
Code No.	Insulated Conductor Cross-Section mm ²	Maximum short-circuit current (kA/1s)	Packaging pcs	Weight kg/100 pcs
3802576	25	4	50	0,170

It is used for short-circuiting and earthing of the aerial bundled cable line. It is delivered in combination with the FIDOS PC 6-150 and is mainly installed on every first branch pole and near the end of the line. It is designed for short-circuit current up to 4 kA/1s, and continuous current up to 200A. The insulation material is made of polyamide resistant to weather conditions and UV rays. The adapter is fully watertight and meets the requirements of the EN 50483 standard.

INSULATED ADAPTER FOR SHORT CIRCUITING AND GROUNDING PC 481

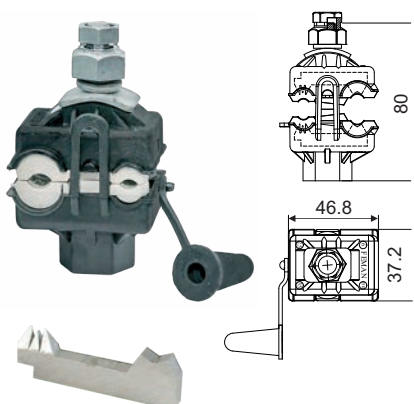
Code No.	Insulated Conductor Cross-Section mm ²	Maximum short-circuit current (kA/1s)	Packaging pcs	Weight kg/100 pcs
3802578	25	4	100	0,06

It is used for short-circuiting and earthing of the aerial bundled cable line. It is installed in combination with the FIDOS PC 6-150. It is mainly installed on every first branch pole and near the end of the line. It is designed for short-circuit current up to 4 kA/1s, and continuous current up to 200 A. The insulation material is made of a special rubber resistant to weather conditions and UV rays. The adapter is fully watertight and meets the requirements of the EN 50483 standard.

INSULATED TRANSITIONAL CONNECTOR FROM NON-INSULATED CONDUCTOR TO LV ABC NF 16-120

Code No.	Type	Application range mm ²	Rated current	Packaging pcs	Weight g/100 pcs
3803512	NF 16-120	1,5-16/16-120	100 A	300	4,8

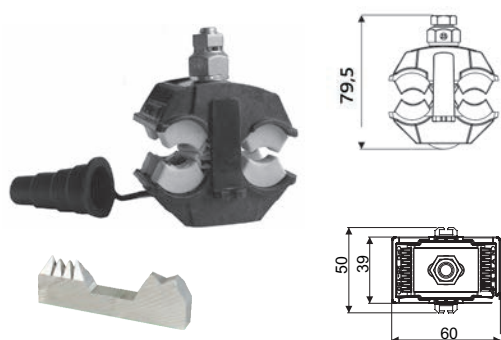
They are used for connecting a branch line of a low-voltage aerial bundled cable line with a cross-section of 1.5 to 16 mm² from an uninsulated aluminum conductor with a cross-section of 16 to 120 mm². The body of the clamp is made of glass-fiber reinforced polyamide which is resistant to all climatic and mechanical influences. The contact bridges are made of aluminum alloy. Contact with the branch conductor is ensured by teeth for piercing the insulation, and contact with the uninsulated conductor is made in the form of plates so as not to reduce the conductivity of the conductor. Watertightness is ensured by a special rubber resistant to UV radiation and all atmospheric influences. To tighten the connector, an OK-13 wrench is used, and disassembly is done with an OK-13 wrench.

INSULATION TRANSITIONAL CONNECTOR FROM NON-INSULATED CONDUCTOR TO LV ABC NF 2,5-150 M

Code No.	Type	Application range mm ²	Rated current	Packaging pcs	Weight g/100 pcs
3802516	NF 2,5-150	2,5-35/6-150	160 A	140	9,5

They are used for connecting a branch line of a low-voltage aerial bundled cable line with a cross-section of 2.5 to 35 mm² from an uninsulated aluminum conductor with a cross-section of 6 to 150 mm². The body of the connectors is made of glass-fiber reinforced polyamide which is resistant to all climatic and mechanical influences. The contact bridges are made of aluminum alloy. Contact with the branch conductor is ensured by teeth for piercing the insulation, and contact with the uninsulated conductor is made in the form of plates so as not to reduce the conductivity of the conductor. Watertightness is ensured by a special rubber resistant to UV radiation and all atmospheric influences. To tighten the connector, an OK-13 wrench is used, and disassembly is done with an OK-17 wrench.

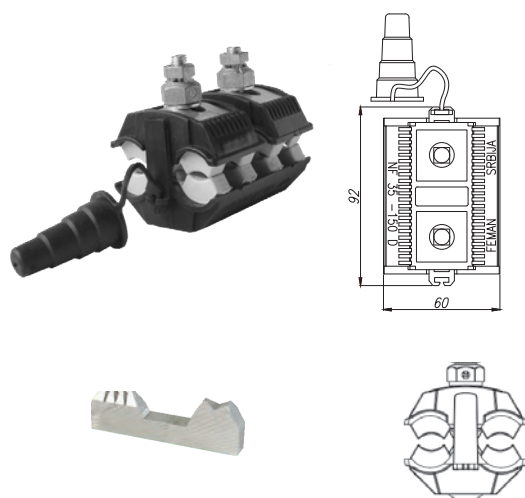
INSULATED TRANSITIONAL CONNECTOR FROM NON-INSULATED CONDUCTOR TO LV ABC NF 25-150



Code No.	Type	Application range mm ²	Rated current	Packaging pcs.	Weight kg/100 pcs
3802526	NF 25-150	25-150/25-150	300 A	50	18

They are used for connecting a branch line of a low-voltage aerial bundled cable line with a cross-section of 25 to 150 mm² from an uninsulated aluminum conductor with a cross-section of 25 to 150 mm². The body of the connector is made of glass-fiber reinforced polyamide which is resistant to all climatic and mechanical influences. The contact bridges are made of aluminum alloy. Contact with the branch conductor is ensured by teeth for piercing the insulation, and contact with the uninsulated conductor is made in the form of plates so as not to reduce the conductivity of the conductor. Watertightness is ensured by a special rubber resistant to UV radiation and all atmospheric influences. To tighten the connector, an OK-13 wrench is used, and disassembly is done with an OK-17 wrench.

INSULATED TRANSITIONAL CONNECTOR FROM NON-INSULATED CONDUCTOR TO LV ABC NF 25-150 D



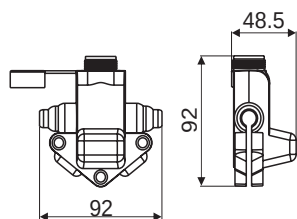
Code No.	Type	Application range mm ²	Rated current	Packaging pcs.	Weight kg/100 pcs
3802528	NF 25-150 D	25-150/25-150	300 A	25	36

They are used for connecting a branch line of a low-voltage aerial bundled cable line with a cross-section of 25 to 150 mm² from an uninsulated aluminum conductor with a cross-section of 25 to 150 mm². The body of the connector is made of glass-fiber reinforced polyamide which is resistant to all climatic and mechanical influences. The contact bridges are made of aluminum alloy. Contact with the branch conductor is ensured by teeth for piercing the insulation, and contact with the uninsulated conductor is made in the form of plates so as not to reduce the conductivity of the conductor. Watertightness is ensured by a special rubber resistant to UV radiation and all atmospheric influences. To tighten the connector, an OK-13 wrench is used, and disassembly is done with an OK-17 wrench.

INSULATED TAP-OFF CONNECTOR FIOS-1 AND FIOS-2

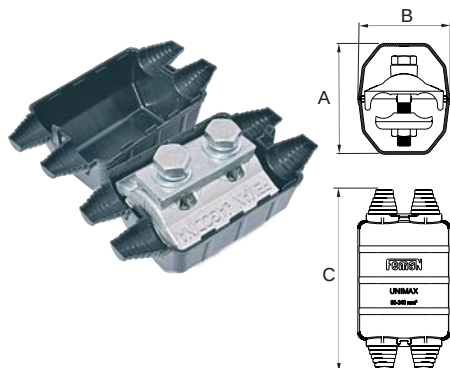


Code No.	Designation	Type mm	Main line section mm ²	Branch line section mm ²	Packaging pcs.	No. of branch lines	Weight kg/100 pcs
3804951	FIOS 1	4-54/35-95	35-95	4-54	35	1	9,00
3804952	FIOS 2	2x(4-54/35-95)	35-95	4-54	35	2	11,5



It is used for tap-off, as well as for connecting a branch line for a residential connection to a distribution aerial bundled cable line by the method of piercing the insulation of the core on both the distribution and the branch line. The body of the clamp is made of aluminum alloy. The insulation of the clamp is ensured by means of a rubber cover resistant to UV radiation. Tightening control during the piercing of the insulation of the distribution conductor is achieved by means of a 10 mm wide hexagonal shear head. The connection of the branch conductor with the clamp is achieved by means of an M10 bolt which enables multiple use, without removing the clamp from the main conductor. The connector is made in accordance with the EN 50483 standard.

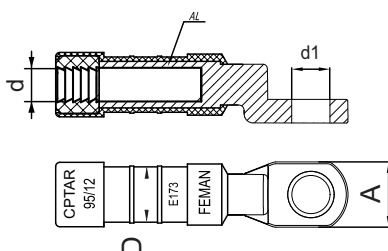
AL UNIMAX INSULATED CONNECTING CLAMP



Code No.	Designation	A mm	B mm	C mm	Carriage bolt	Packaging pcs	Weight kg/100 pcs
2600697	AI-UNIMAX-I 6-95	73	49	98	2xM8	75	17
2650242	AI-UNIMAX-I 50-240	82	69	134	2xM10	50	36

It is used for connecting branch and residential Al-conductors to an Al-uninsulated overhead line, according to IEC/EN 61238-1. In addition to good mechanical properties, it also has exceptionally good electrical characteristics. The body is made of die-cast aluminum. The channels are designed with transverse grooves that destroy aluminum oxide on the conductor surface during tightening and achieve better electrical contact. At the same time, this innovation improves the mechanical characteristics of this clamp. The introduction of transverse grooves along the channel represents a significant quality improvement and enhancement of joint reliability. The insulation of the clamp is ensured by means of a polyamide cover resistant to UV radiation.

INSULATED SEALED ALUMINIUM LUGS CPTAR

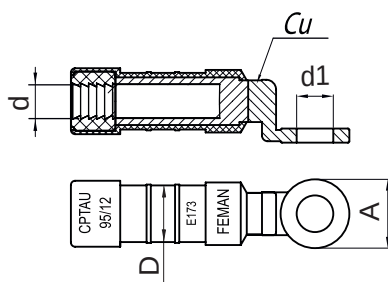


Code No.	Designation	A mm	B mm	C mm	Carriage bolt	Packaging pcs	Weight kg/100 pcs
3431612	CPTAR 16	16/12	13	20	5,3	22	E 173
3432512	CPTAR 25	25/12	13	20	6,5	22	E 173
3433512	CPTAR 35	35/12	13	20	7,5	22	E 173
3435012	CPTAR 50	50/12	13	20	8,6	22	E 173
3435412	CPTAR 54	54/12	13	20	9,8	22	E 173
3437012	CPTAR 70	70/12	13	20	10,4	22	E 173
3439512	CPTAR 95	95/12	13	20	12,2	22	E 173

They are used for terminating insulated Al conductors and transitioning to an Al busbar. The conductor with the insulation removed is inserted into the cable lug through a rubber seal that prevents moisture penetration and the occurrence of electrolytic corrosion. Hexagonal crimping is performed directly over the insulation at the marked places on the lug. For crimping, we recommend FEMAN presses with the appropriate dies. The lugs are made in accordance with the EN 50483 standard.



INSULATED SEALED BI-METALLIC AL-CU LUGS CPTAU

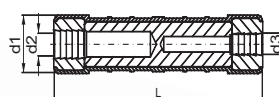


Code No.	Designation	Type mm	d1 mm	D mm	d mm	A mm	Crimping Insert
3421610	CPTAU 16	16/10	10,5	16	5,3	20	E 140
3422512	CPTAU 25	25/12	13	20	6,5	24	E 173
3423512	CPTAU 35	35/12	13	20	7,5	24	E 173
3425012	CPTAU 50	50/12	13	20	8,6	24	E 173
3425412	CPTAU 54	54/12	13	20	9,8	24	E 173
3427012	CPTAU 70	70/12	13	20	10,4	24	E 173
3429512	CPTAU 95	95/12	13	20	12,2	24	E 173

They are used for terminating insulated Al conductors and transitioning to a Cu busbar. The conductor with the insulation removed is inserted into the cable lug through a rubber seal that prevents moisture penetration and the occurrence of electrolytic corrosion. Hexagonal crimping is performed directly over the insulation at the marked places on the lug. For crimping, we recommend FEMAN presses with the appropriate dies. The lugs are made in accordance with the EN 50483 standard.

INSULATED SEALED JOINING SLEEVE CONNECTORS - FID

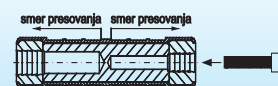
Code No.	Designation mm ² /mm ²	d1 mm	d2 mm	d3 mm	L mm	Crimping Insert	Packaging pcs.	Weight kg/100 pcs
3400606	MJPB 6/6	18,5	3,4	3,4	70,5	E 140	100	2,67
3401006	MJPB 10/6	18,5	4,3	3,4	70,5	E 140	100	2,56
3401010	MJPB 10/10	18,5	4,3	4,3	70,5	E 140	100	2,50
3401604	MJPB 16/4	18,5	5,3	2,8	70,5	E 140	100	2,28
3401606	MJPB 16/6	18,5	5,3	3,4	70,5	E 140	100	2,30
3401610	MJPB 16/10	18,5	5,3	4,3	70,5	E 140	100	2,35
3401616	MJPB 16/16	18,5	5,3	5,3	70,5	E 140	100	2,40
3402506	MJPB 25/6	18,5	6,5	3,4	70,5	E 140	100	2,40
3402510	MJPB 25/10	18,5	6,5	5,3	70,5	E 140	100	2,35
3402516	MJPB 25/16	18,5	6,5	5,3	70,5	E 140	100	2,28
3402525	MJPB 25/25	18,5	6,5	6,5	70,5	E 140	100	2,22
3403506	MJPB 35/6	18,5	8	3,4	70,5	E 140	100	2,20
3403510	MJPB 35/10	18,5	8	4,3	70,5	E 140	100	2,18
3403516	MJPB 35/16	18,5	8	5,3	70,5	E 140	100	2,15
3403525	MJPB 35/25	18,5	8	6,5	70,5	E 140	100	2,12
3403535	MJPB 35/35	18,5	8	8	70,5	E 140	100	2,09
3411610	MJPT 16/10	23	5,3	4,3	103	E 173	100	6,25
3411616	MJPT 16/16	23	5,3	5,3	103	E 173	100	6,20
3412516	MJPT 25/16	23	6,5	5,3	103	E 173	100	6,15
3412525	MJPT 25/25	23	6,5	6,5	103	E 173	100	6,10
3413525	MJPT 35/25	23	8	6,5	103	E 173	100	6,05
3413535	MJPT 35/35	23	8	8	103	E 173	100	6,00
3405016	MJPT 50/16	23	9	5,3	103	E 173	100	5,90
3405025	MJPT 50/25	23	9	6,5	103	E 173	100	5,85
3405035	MJPT 50/35	23	9	8	103	E 173	100	5,85
3405050	MJPT 50/50	23	9	9	103	E 173	100	5,80
3407016	MJPT 70/16	23	10,7	5,3	103	E 173	100	6,00
3407025	MJPT 70/25	23	10,7	6,5	103	E 173	100	5,95
3407035	MJPT 70/35	23	10,7	8	103	E 173	100	5,95
3407050	MJPT 70/50	23	10,7	9	103	E 173	100	6,50
3407070	MJPT 70/70	23	10,7	10,7	103	E 173	100	5,40
3409570	MJPT 95/70	23	12,2	10,7	103	E 173	100	5,04
3409595	MJPT 95/95	23	12,2	12,2	103	E 173	100	5,04
3411617	MJPT-N 16/16	23	5,3	5,3	175	E 173	50	10,40
3412526	MJPT-N 25/25	23	6,5	6,5	175	E 173	50	10,40
3413536	MJPT-N 35/35	23	8	8	175	E 173	50	10,40
3415035	MJPT-N 50/35	23	9	8	175	E 173	50	10,40
3415050	MJPT-N 50/50	23	9	9	175	E 173	50	10,40
3415454	MJPT-N 54/54	23	10	10	175	E 173	50	10,40
3417070	MJPT-N 70/70	23	10,7	10,7	175	E 173	50	10,40
3417154	MJPT-N 71/54	23	11,2	10	175	E 173	50	9,70
3417171	MJPT-N 71/71	23	11,2	11,2	175	E 173	50	9,43
3419595	MJPT-N 95/95	23	12,2	12,2	175	E 173	50	9,30



MJPB



Presovati isključivo namenskim umetcima za FID čaure E 140



Skinuti izolaciju provodnika prema meri na telu čaure



MJPT



Presovati isključivo namenskim umetcima za FID čaure E 173



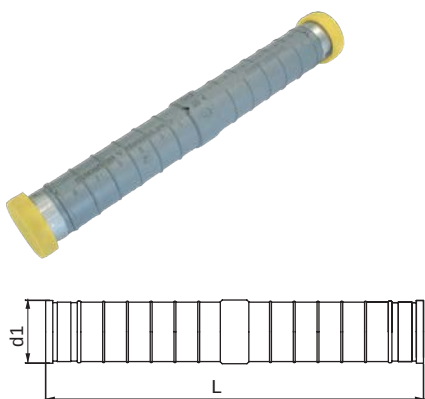
MJPT-N

They are used for connecting insulated aluminum and copper conductors used for connecting residential and public buildings to the distribution network, as well as for connecting conductors of the distribution aerial bundled cable line for voltages up to 1 kV.

FID sleeves with a cross-section up to 25mm² are mainly applied when connecting residential connections. MJPT sleeves are used for connecting phase conductors of the distribution aerial bundled cable line. MJPT-N sleeves are used for connecting the neutral (messenger) conductor of the distribution aerial bundled cable line. All these sleeves are delivered with a special insulation. Hexagonal crimping is performed directly over this insulation, which has excellent mechanical and electrical characteristics. Standard "FEMAN" presses with a special die are used for crimping. Following the instructions on the sleeve insulation, remove the insulation from the conductor ends at the required length. The conductors are then inserted into the sleeve through rubber seals, which prevent moisture penetration and the occurrence of electrolytic corrosion. The places and order where crimping needs to be performed are indicated on the insulation. Depending on the thickness of the die, two or three crimps are made from the middle to the left and right. The MJPT-N sleeve for the neutral (messenger) conductor is somewhat longer since the joint is under mechanical load, and therefore six crimps are made from the middle of the sleeve to the left and six to the right. The sleeves are made in accordance with the EN 50483 standard.



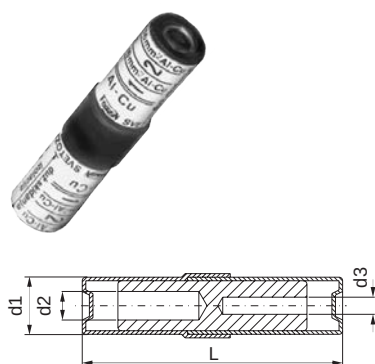
INSULATED SEALED JOINING SLEEVE CONNECTORS - MJRP



Code No.	Designation mm ² /mm ²	d1 mm	L mm	Crimping Insert	Packaging pcs	Weight g/100 pcs
3443535	MJRP 35/35	23,5	162	E 173	50	8,25
3445050	MJRP 50/50	23,5	162	E 173	50	8,20
3447070	MJRP 70/70	23,5	162	E 173	50	8,15
3449595	MJRP 95/95	23,5	162	E 173	50	8,10
3441212	MJRP 120/120	23,5	162	E 173	50	8,05
3441515	MJRP 150/150	23,5	162	E 173	50	8,00
3453535	MJRP-N 35/35	28	162	E 215	50	14,40
3455050	MJRP-N 50/50	28	162	E 215	50	14,35
3457070	MJRP-N 70/70	28	162	E 215	50	14,30
3459595	MJRP-N 95/95	28	162	E 215	50	14,25
3451212	MJRP-N 120/120	28	162	E 215	50	14,20
3451515	MJRP-N 150/150	28	162	E 215	50	14,15

They are used for connecting insulated aluminum conductors with a cross-section of 35 to 150 mm² in overhead networks with a voltage of 6 to 20 kV. Connection sleeves of the MJRP type are used for connecting conductors on poles, while sleeves of the MJRP N type are intended for connecting conductors in the span between two poles. The mechanical durability of the joint is 95% of the tensile strength of the entire conductor. Connecting is achieved by the crimping method directly over the insulation with E173 or E215 dies. Connection sleeves of the MJRP N and MJRP type are manufactured in gray color, in order to visually distinguish them from low-voltage sleeves MJPB and MJPT. Watertightness of the contact joint is achieved by crimping over metal rings at the ends of the sleeves.

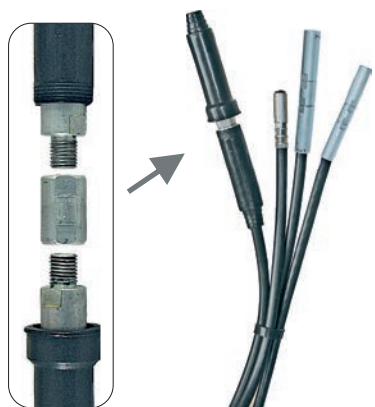
INSULATED ALUMINIUM JOINING CONNECTORS - FALIS



Code No.	Designation mm ² /mm ²	d1 mm	d2 mm	d3 mm	L mm	Packaging pcs	Weight kg/100 pcs
3501006	FALIS 10/6	16	4,5	3,5	73	75	2,45
3501010	FALIS 10/10	16	4,5	4,5	73	75	2,20
3501604	FALIS 16/4	16	5,5	2,8	73	75	2,88
3501606	FALIS 16/6	16	5,5	3,5	73	75	2,77
3501610	FALIS 16/10	16	5,5	4,5	73	75	2,66
3501616	FALIS 16/16	16	5,5	5,5	73	75	2,57
3502516	FALIS 25/16	16	6,5	5,5	73	75	2,10

They are used for connecting aluminum and copper conductors for the residential connection of residential and public buildings to the distribution electrical network

SEPARABLE JOINING CONNECTORS



Code No.	Type mm ²	Packaging pcs
3813550	35/50	10
3815050	50/50	10
3817070	70/70	10
3819595	95/95	10
3822096	120/120	10

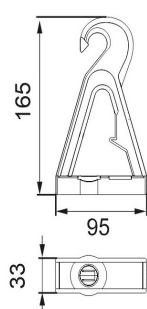
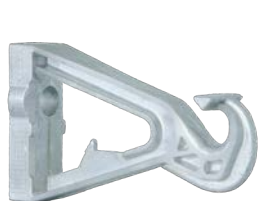
They are used for connecting and disconnecting conductors in insulated overhead cable networks. The body of the connector is made of aluminum, protected by insulation. The connectors are fully insulated, thereby ensuring safety during working under voltage, while also guaranteeing a secure and long-lasting joint.

AL BRACKET FOR LV ABC CS 1500 F (1500 daN/500 daN)



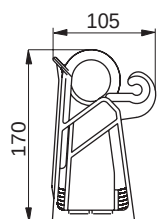
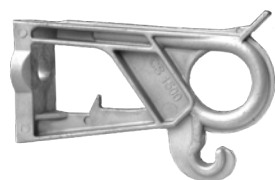
It is intended for tension and suspension anchoring of low-voltage aerial bundled cable lines on a pole or a wall. It is made of aluminum alloy with high mechanical strength. It is attached to a pole by means of an aerial bundled cable suspension clamp, using two stainless steel bands, or by means of an M16 bolt directly to the pole. The bracket is made in accordance with the EN 50483 standard.

Packaging: 40 pcs
Weight: 0.32 kg/pc
Code No.: 3810010

AL BRACKET FOR LV ABC CS 1500-N (1200 daN)

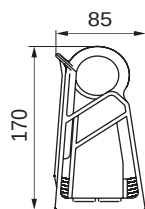
It is intended for suspension anchoring of low-voltage aerial bundled cable lines. It is made of aluminum alloy with high mechanical strength. It is attached by means of an aerial bundled cable suspension clamp, using two stainless steel bands, or by means of an M16 bolt directly to the pole. The bracket is made in accordance with the EN 50483 standard.

Packaging: 50 pcs
Weight: 0.240 kg/pc
Code No.: 3800011

AL BRACKET FOR LV ABC CS 1500 M (1500/1200 daN)

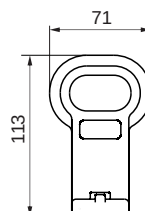
It is intended for tension and suspension anchoring of low-voltage aerial bundled cable lines. It is made of aluminum alloy with high mechanical strength. It is attached by means of an aerial bundled cable suspension clamp, using two stainless steel bands, or by means of an M16 bolt directly to the pole. The bracket is made in accordance with the EN 50483 standard.

Packaging: 50 pcs
Weight: 0.250 kg/pc
Code No.: 3810011

AL BRACKET FOR LV ABC CS 1500 R (1500/1200 daN)

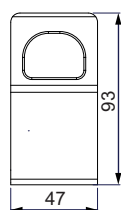
It is intended for tension and suspension anchoring of low-voltage aerial bundled cable lines on a pole or a wall. It is made of aluminum alloy with high mechanical strength. It is attached to a pole by means of an aerial bundled cable suspension clamp, or using two stainless steel bands, or by means of an M16 bolt directly to the pole. The bracket is made in accordance with the EN 50483 standard.

Packaging: 50 pcs
Weight: 0.220 kg/pc
Code No.: 3810012

AL BRACKET FOR LV ABC CA 1500 (1500 daN)

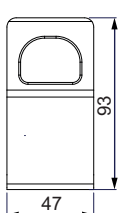
It is intended for tension and angle anchoring of low-voltage aerial bundled cable lines. It is made of aluminum alloy with high mechanical strength. It is attached by means of two 19mm stainless steel bands or by means of up to two M16 nuts. Angle anchoring, i.e., changing the direction of the distribution line, is performed using two PA 1500 anchoring distribution clamps. The bracket is made in accordance with the EN 50483 standard.

Packaging: 75 pcs
Weight: 0.190 kg/pc
Code No.: 3810013

AL BRACKET FOR LV ABC CA 1500 (1500 daN)

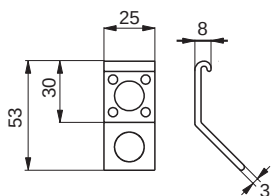
It is intended for tension and angle anchoring of low-voltage aerial bundled cable lines. It is made of aluminum alloy with high mechanical strength. It is attached by means of two 19mm stainless steel bands or by means of up to two M16 nuts. Angle anchoring, i.e., changing the direction of the distribution line, is performed using two PA 1500 anchoring distribution clamps. The bracket is made in accordance with the EN 50483 standard.

Packaging: 75 pcs
Weight: 0.110 kg/pc
Code No.: 3810016

AL BRACKET FOR LV ABC CA 2000 (2000 daN)

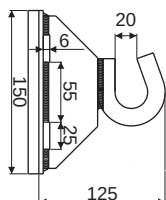
It is intended for tension and angle anchoring of low-voltage aerial bundled cable lines. It is made of aluminum alloy with high mechanical strength. It is attached by means of two 19mm stainless steel bands or by means of up to two M16 nuts. Angle anchoring, i.e., changing the direction of the distribution line, is performed using two PA 2000 anchoring distribution clamps. The bracket is made in accordance with the EN 50483 standard.

Packaging: 75 pcs
Weight: 0.130 kg/pc
Code No.: 3810014

AL BRACKET FOR LV ABC CA 16 (220 daN)

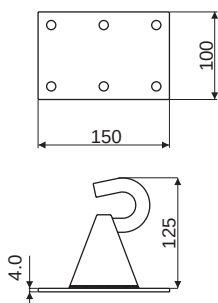
It is intended for tension anchoring of the PA 25 residential connection clamp on a pole or a wall. It is made of aluminum alloy with high mechanical strength. It is attached to a pole by means of one stainless steel band and A20 and A19 buckle, or by means of an M12 and M14 bolt, or directly to a wall using a $\varnothing 4$ mm wall plug. It withstands a tensile force of 220 daN. The bracket is made in accordance with the EN 50483 standard.

Packaging: 100 pcs
Weight: 0.01 kg/pc
Code No.: 3810033

STEEL POLE BRACKET 46x150 WITH HOOK $\varnothing 16$ FSK-16 (1800 daN)

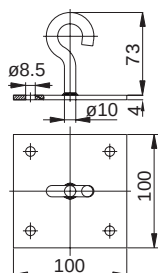
It is intended for tension and suspension anchoring of low-voltage aerial bundled cable lines on wooden, steel, and concrete poles. It is attached by means of two stainless steel bands and two buckles. The bracket is made in accordance with the EN 50483 standard.

Packaging: 15 pcs
Weight: 0.655 kg/pc
Code No.: 3810116

STEEL WALL BRACKET 100x150 WITH HOOK $\varnothing 16$ FZK-16 (1800 daN)

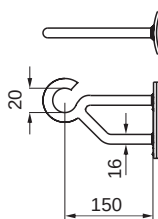
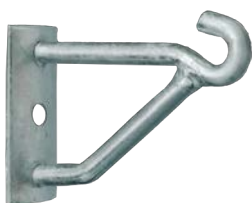
It is intended for tension anchoring of low-voltage aerial bundled cable lines on a building facade by means of an anchoring clamp. It is made of a 150x100 mm steel sheet with a twisted hook with a diameter of 16 mm. It is attached by means of screws. The bracket is made in accordance with the EN 50483 standard.

Packaging: 10 pcs
Weight: 1 kg/pc
Code No.: 3810136

STEEL BRACKET FOR RESIDENTIAL CONNECTION AC 25 (500 daN)

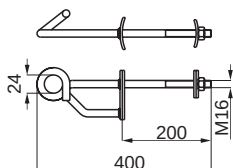
It is intended for tensioning the service connection on a building facade by means of a service connection anchoring clamp (3811625).

Packaging: 25 pcs
Weight: 0.37 kg/pc
Code No.: 3810008

STEEL POLE BRACKET WITH HOOK $\varnothing 16$ L=150 (2000 daN)

It is intended for tension and suspension anchoring of low-voltage aerial bundled cable lines on wooden, steel, and concrete poles. It is attached by means of two stainless steel bands and two buckles or with an M16 nut.

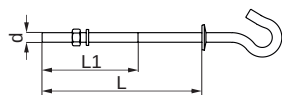
Packaging: 25 pcs
Weight: 0.94 kg/pc
Code No.: 3810120

STEEL POLE BRACKET FOR ABC L=200 (2500 daN)

It is intended for suspension of the low-voltage aerial bundled cable suspension clamp, and it is easily installed by passing it through a hole on the pole and tightening it with a bolt.

Packaging: 100 pcs
Weight: 1.48 kg/pc
Code No.: 3810009

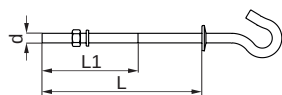
HOOK BRACKET WITH BOLT



Code No.	Designation	d mm	L mm	L1 mm	Packaging pcs.	Weight kg/100 pcs
4701320	M12x200/70	M12	200	70	50	26,7
4701325	M12x250/70	M12	250	70	50	32,3
4701330	M12x300/80	M12	300	80	50	40,0
4701340	M12x400/80	M12	400	80	40	56,0
4701395	M16x110/50	M16	100	50	50	37,1
4701420	M16x200/50	M16	200	50	50	68,4
4701425	M16x250/50	M16	250	50	50	73,0
4701430	M16x300/70	M16	300	70	40	77,6

It is used on a pole for tension and suspension anchoring of low-voltage equipment. It is protected by electrolytic Zinc galvanizing, and upon the customer's request, hot-dip galvanizing can also be performed.

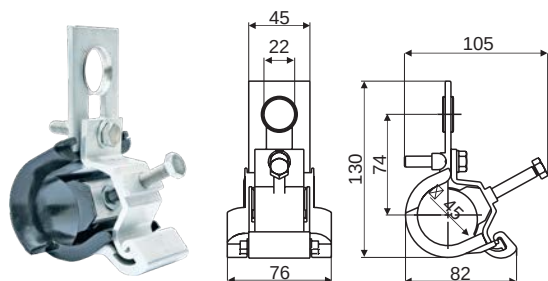
HOOK BRACKET WITH BOLT WITH CONICAL WASHER



Code No.	Designation	d mm	L mm	L1 mm	Packaging pcs.	Weight kg/100 pcs
4701324	M12x250/100	M12	250	100	25	32,3
4701354	M14x250/100	M14	250	100	25	32,3
4701424	M16x250/100	M16	250	100	25	40,0

It is used on a roof in combination with metal roof tiles for tension and suspension anchoring of low-voltage equipment. It is protected by electrolytic Zinc galvanizing, and upon the customer's request, hot-dip galvanizing can also be performed.

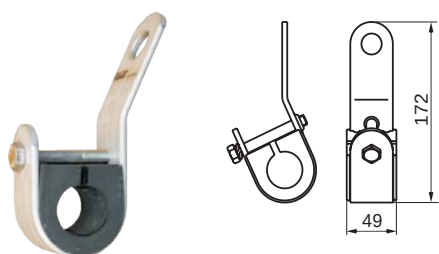
UNIVERSAL SUSPENSION CLAMP FOR LV ABC PS 2-4x(25-120)



It is intended for suspension support of low-voltage aerial bundled cable lines without a neutral messenger. It can also be used on angle poles with a maximum line deviation up to 60°. It is designed to carry 2 or 4 insulated conductors with a maximum cross-section of 4x120 mm², or a minimum cross-section of 4x25 mm². Its modern design enables fast, easy, and reliable installation. The clamp is made in accordance with the EN 50483 standard.

Packaging: 50 pcs
Weight: 35 kg/100 pcs
Code number: 3810500

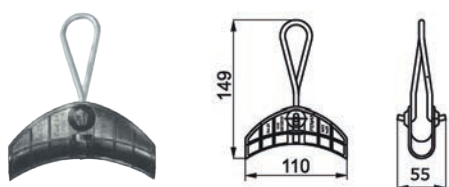
SUSPENSION CLAMP FOR CABLES WITHOUT MESSENGER CONDUCTOR (500 daN)



Code No.	For ABC (mm ²)	Packaging pcs	Weight kg/100 pcs
3810225	PS 2 x 25	50	29,0
3810425	PS 4 x 25	50	28,3
3810235	PS 2 x 35	50	28,5
3810435	PS 4 x 35	50	27,8
3810470	PS 4 x 70	50	25,6
3810495	PS 4 x 95	50	25,0

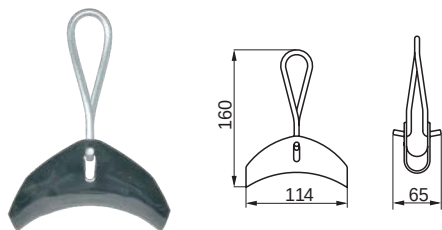
It is intended for suspension support of low-voltage aerial bundled cable lines without a neutral messenger. The clamp is made in accordance with the EN 50483 standard.

ANGULAR CLAMP FOR SERVICE LINE RA 25 (200 daN)



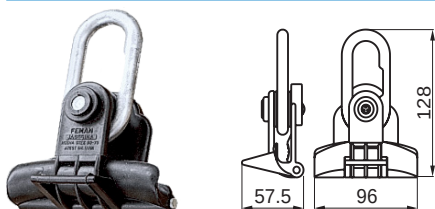
It is intended for changing the direction of low-voltage aerial bundled cable lines at the service connection. It is designed to carry 2 or 4 insulated conductors with a cross-section of 2x16, 4x16, 2x25, or 4x25 mm². It consists of a clamp body and a suspension stirrup. The clamp body is made of polyamide with high mechanical strength. For securing the cable to the clamp, we recommend using the FEMAN cable tie 200x13 mm² (code number: 1710213). The clamp is made in accordance with the EN 50483 standard.

Packaging: 75 pcs
Weight: 6.60 kg/100 pcs
Code number: 3810015

ANGULAR CLAMP RA 25A (500 daN)

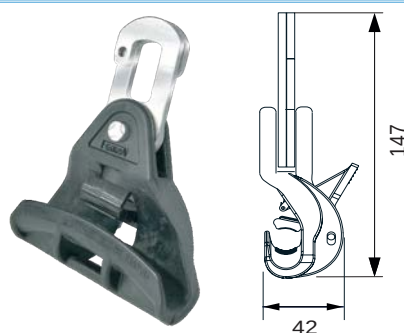
It is intended for changing the direction of low-voltage aerial bundled cable lines. It is designed to carry 2 or 4 insulated conductors with a maximum cross-section of $4 \times 70 \text{ mm}^2$. It consists of a clamp body and a suspension stirrup. The clamp body is made of plastic-coated aluminum sheet with high mechanical strength.

Packaging: 75 pcs
Weight: 9.10 kg/100 pcs
Code number: 3810018

SUSPENSION CLAMP FOR LV ABC 54-71,5 (500 daN)

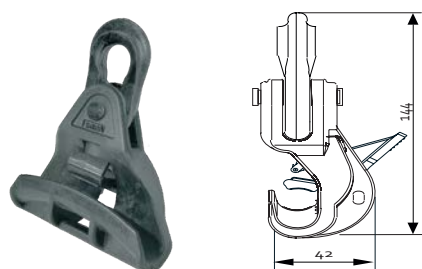
It is intended for use with low-voltage aerial bundled cable brackets for suspension support of low-voltage aerial bundled cable lines on poles. Anchoring is performed via the neutral messenger ($54 - 71.5 \text{ mm}^2$). After positioning the neutral messenger, the clamp is closed with a special clip that prevents accidental opening of the clamp and loosening of the cable line. The clamp is made in accordance with the EN 50483 standard.

Packaging: 50 pcs
Weight: 15.50 kg/100 pcs
Code number: 3810020

SUSPENSION CLAMP FOR LV ABC 25-95 PS 1500/95 (1200 daN)

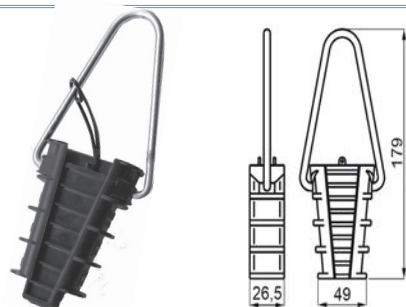
It is intended for use with low-voltage aerial bundled cable brackets for suspension support of low-voltage aerial bundled cable lines on poles. Anchoring is performed via the neutral messenger ($25-95 \text{ mm}^2$). The clamp features a special two-part steel link that prevents accidental opening of the clamp and separation from the Al bracket. After positioning the neutral messenger, the conductor is tightened with a polyamide clip that prevents conductor slippage up to a force of 30 daN. It is made in accordance with the EN 50483 standard.

Packaging: 50 pcs
Weight: 24.5 kg/100 pcs
Code number: 3810022

SUSPENSION CLAMP FOR LV ABC 25-95 PS 1500-N (1200 daN)

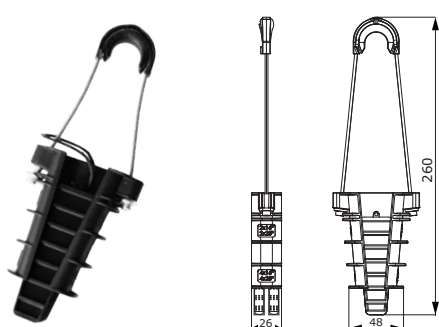
It is intended for use with low-voltage aerial bundled cable brackets for suspension support of low-voltage aerial bundled cable lines on poles. Anchoring is performed via the neutral messenger ($25-95 \text{ mm}^2$). It is made of material with high mechanical strength resistant to atmospheric influences. Its modern design enables fast, easy, and reliable installation. It is made in accordance with the EN 50483 standard.

Packaging: 50 pcs
Weight: 16.5 kg/100 pcs
Code number: 3810026

ANCHORING CLAMP FOR SERVICE LINE PA 25 (200 daN)

It is intended for residential connections implemented with self-supporting aerial bundled cable lines: $2 \times 16 \text{ mm}^2$, $2 \times 25 \text{ mm}^2$, $4 \times 16 \text{ mm}^2$, and $4 \times 25 \text{ mm}^2$. It is used for the installation of single-phase and three-phase service connections. It is made in accordance with the EN 50483 standard. Note: When installing a single-phase service connection, it is mandatory to place a cable or a piece of cable into the second wedge during installation in order to balance the force.

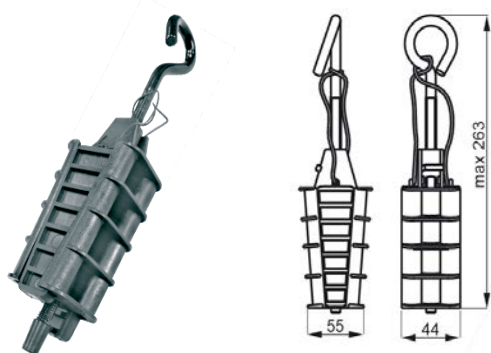
Packaging: 80 pcs
Weight: 12 kg/100 pcs
Code number: 3811625

ANCHORING CLAMP FOR SERVICE LINE PA 25 S 2-4x(16-25) (350 daN)

It is intended for residential connections implemented with self-supporting aerial bundled cable lines: $2 \times 16 \text{ mm}^2$, $2 \times 25 \text{ mm}^2$, $4 \times 16 \text{ mm}^2$, and $4 \times 25 \text{ mm}^2$. It is used for the installation of single-phase and three-phase service connections. It is made in accordance with the EN 50483 standard. Note: When installing a single-phase service connection, it is mandatory to place a cable or a piece of cable into the second wedge during installation in order to balance the force.

Packaging: 80 pcs
Weight: 11 kg/100 pcs
Code number: 3811622

ANCHORING CLAMP WITH ADJUSTABLE HOOK FOR SERVICE LINE PA 25 A 2-4x(16-25) (200 daN)

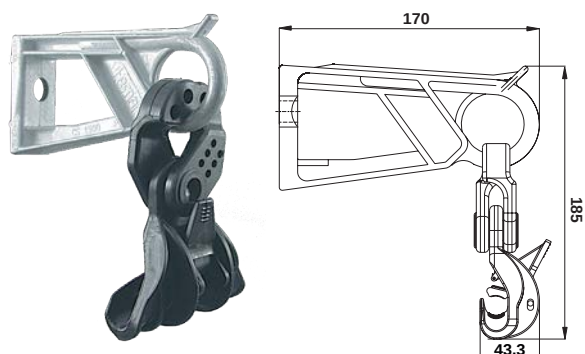


It is intended for residential connections implemented with self-supporting aerial bundled cable lines: 2x16 mm², 2x25 mm², 4x16 mm², and 4x25 mm². The advantage of this clamp over others is that it allows for additional tensioning of the cable line even after the wedges are locked, simply by pulling the clamp. The conductors can be tensioned additionally (up to a maximum of 103 mm), eliminating the need for an automatic gripping tool and a wire-pulling tensioning device. During installation, all slots for cables must be filled with cables or a pieces of cable.

It is made in accordance with the EN 50483 standard.

Packaging: 50 pcs
Weight: 19 kg/100 pcs
Code number: 3811630

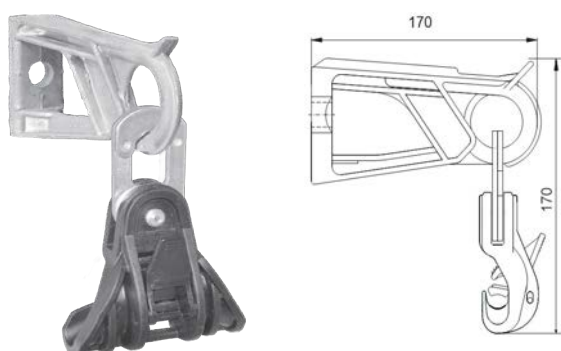
SUSPENSION SET FOR LV ABC 25-95 ES 1500 (1200 daN)



It is intended for suspension support of low-voltage aerial bundled cable lines on poles. Anchoring is performed via the neutral messenger (25-95 mm²). It is made of material with high mechanical strength resistant to atmospheric influences. Its modern design enables fast, easy, and reliable installation. After positioning the neutral messenger, the conductor is tightened with a polyamide clip that prevents conductor slippage up to a force of 30 daN. It is made in accordance with the EN 50483 standard.

Packaging: 40 pcs
Weight: 42 kg/100 pcs
Code number: 3810021

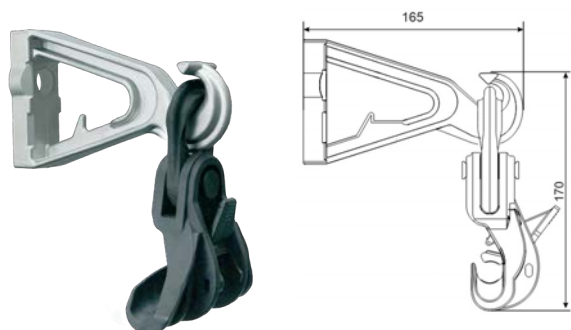
SUSPENSION SET FOR LV ABC 25-95 ES 1500-9 (1200 daN)



It is intended for suspension support of low-voltage aerial bundled cable lines on poles. Anchoring is performed via the neutral messenger (25-95 mm²). It is made of material with high mechanical strength resistant to atmospheric influences. Its modern design enables fast, easy, and reliable installation. The clamp features a special two-part steel link that prevents accidental opening of the clamp and separation from the AI bracket. After positioning the neutral messenger, the conductor is tightened with a polyamide clip that prevents conductor slippage up to a force of 30 daN. It is made in accordance with the EN 50483 standard.

Packaging: 40 pcs
Weight: 43 kg/100 pcs
Code number: 3810023

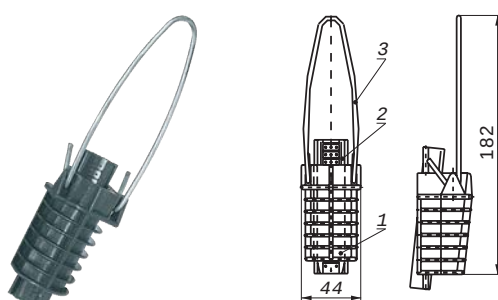
SUSPENSION SET FOR LV ABC 25-95 PS 1500-N (1200 daN)



It is intended for suspension support of low-voltage aerial bundled cable lines on poles. Anchoring is performed via the neutral messenger (25-95 mm²). It is made of material with high mechanical strength resistant to atmospheric influences. Its modern design enables fast, easy, and reliable installation. After positioning the neutral messenger, the conductor is tightened with a polyamide clip that prevents conductor slippage up to a force of 30 daN. It is made in accordance with the EN 50483 standard.

Packaging: 40 pcs
Weight: 40.5 kg/100 pcs
Code number: 3810024

ANCHORING CLAMP PA 621 (200 daN)



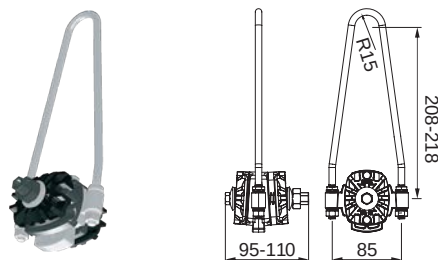
It is intended for the anchoring support of a single insulated conductor with a diameter from 6 to 21 mm. It is made of weather- and UV-resistant glass-fiber reinforced polyamide. Its modern design enables reliable, easy, and fast installation in all weather conditions.

Packaging: 100 pcs
Weight: 6.80 kg/100 pcs
Code number: 3811635

ANCHORING CLAMP FOR LV ABC WITHOUT MESSENGER CONDUCTOR 2-4x(16-35)

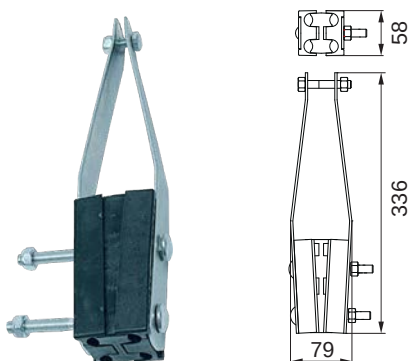
The clamp is intended for the anchoring and suspension support of two or four insulated conductors. It is used for the installation of low-voltage distribution lines with smaller cross-sections, as well as for anchoring conductors for residential connections. It is made of high-quality materials with high mechanical strength, resistant to all atmospheric influences. It is made in accordance with the EN 50483 standard.

Code No.	Designation	Supported cable sections (mm ²)	Packaging pcs.	Weight kg/100 pcs
3813016	PNPS 216/35 Z	2x16-35	100	16,5
3813018	PNPS 216/35 0	2x16-35	100	15,5
3813025	PNPS 416/35 Z	4x16-35	75	22
3813027	PNPS 416/35 0	4x16-35	75	21

ANCHORING/SUSPENSION CLAMP FOR LV ABC WITHOUT MESSENGER CONDUCTOR PA/PS 4x(16-50) (700 daN)

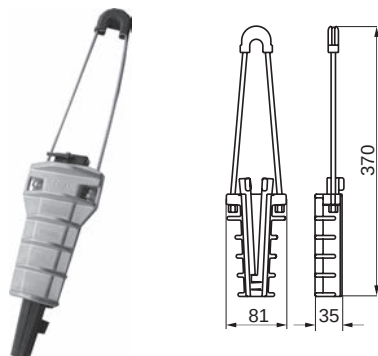
It is intended for the anchoring and suspension support of low-voltage self-supporting aerial bundled cable lines without a neutral messenger. The insulating insert is made of glass-fiber reinforced polyamide, ensuring high tensile strength. The basic structural elements are made of galvanized steel. It is made in accordance with the EN 50483 standard.

Packaging: 25 pcs
Weight: 46 kg/100 pcs
Code number: 3813035

ANCHORING CLAMP FOR LV ABC WITHOUT MESSENGER CONDUCTOR PA 4x(35-120) (2000 daN)

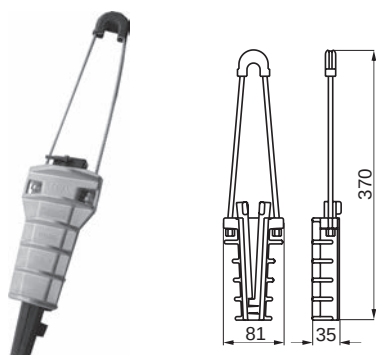
It is intended for the anchoring support of low-voltage self-supporting aerial bundled cable lines without a neutral messenger. The insulating insert is made of glass-fiber reinforced polyamide, ensuring high tensile strength. The basic structural elements are made of galvanized steel. It is made in accordance with the EN 50483 standard.

Code No.	Designation	Supported cable sections (mm ²)	Packaging pcs.	Weight kg/100 pcs
3813095	PA 435/120	4x35-120	15	140
3813096	PA 435/120 M	4x35-120	15	140

ANCHORING CLAMP FOR LV ABC 25-35 mm² PA 1000 (1000 daN)

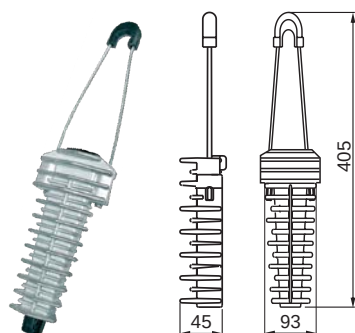
It is intended for the anchoring support of low-voltage aerial bundled cable lines on wooden, concrete, and metal poles or on facades. This clamp is designed for anchoring support via the neutral messenger (25-35 mm²). It is made of a high mechanical strength aluminum alloy with a self-tensioning insulating insert made of polyamide. Its design represents the most advanced technical solution, making installation or removal easy, fast, reliable, and without the use of special tools. It is made in accordance with the EN 50483 standard.

Packaging: 35 pcs
Weight: 36 kg/100 pcs
Code number: 3812090

ANCHORING CLAMP FOR LV ABC 50-71,5 mm² PA 1500 (1500 daN)

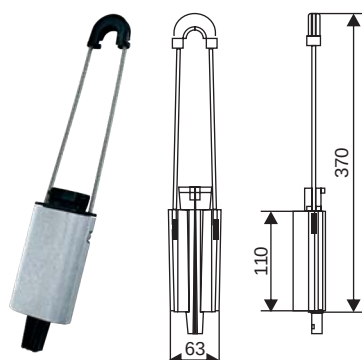
It is intended for the anchoring support of low-voltage aerial bundled cable lines on wooden, concrete, and metal poles or on facades. This clamp is designed for anchoring support via the neutral messenger (50-71.5 mm²). It is made of a high mechanical strength aluminum alloy with a self-tensioning insulating insert made of polyamide. Its design represents the most advanced technical solution, making installation or removal easy, fast, reliable, and without the use of special tools. It is made in accordance with the EN 50483 standard.

Packaging: 35 pcs
Weight: 36 kg/100 pcs
Code number: 3812079

ANCHORING CLAMP FOR LV ABC 70-95mm² PA 2000 (2000 daN)

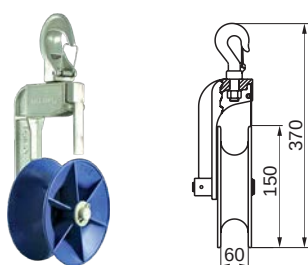
It is intended for the anchoring support of low-voltage aerial bundled cable lines on wooden, concrete, and metal poles or on facades. This clamp is designed for anchoring support via the neutral messenger (70-95 mm²). It is made of an aluminum alloy with self-tensioning insulating inserts made of polyamide. Its design represents the most advanced technical solution, making installation or removal easy, fast, reliable, and without the use of special tools. It is made in accordance with the EN 50483 standard.

Packaging: 20 pcs
Weight: 64.6 kg/100 pcs
Code number: 3812195

ANCHORING CLAMP FOR LV ABC 50-71,5 mm² PA 1500-E (1500 daN)

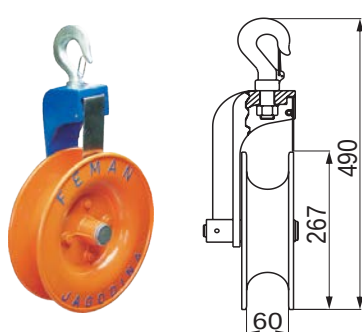
It is intended for the anchoring support of low-voltage aerial bundled cable lines on wooden, concrete, and metal poles or on facades. This clamp is designed for anchoring support via the neutral messenger (50-71.5 mm²). It is made of an extruded aluminum alloy with high mechanical strength and a self-tensioning insulating insert made of polyamide. Its design represents the most advanced technical solution, making installation or removal easy, fast, reliable, and without the use of special tools. It is made in accordance with the EN 50483 standard.

Packaging: 35 pcs
Weight: 38 kg/100 pcs
Code number: 3812078

PULLEY FOR INSTALLING OF LV ABC ON POLES FR 150 (800 daN)

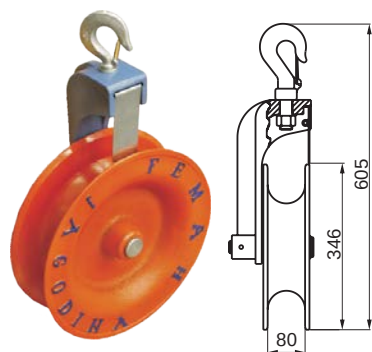
It is intended for the proper installation and subsequent tensioning of low-voltage aerial bundled cable lines, requiring the use of special pulleys that ensure smooth unreeling and eliminate the possibility of sag differences between two adjacent spans during tensioning. The construction of the pulley allows for easy installation and removal, as well as the insertion of the neutral messenger into the corresponding clamp. The pulley bracket is made of an aluminum alloy, while the moving wheel is made of polyamide. The pulley rotates via sleeve bearing.

Packaging: 1 pc
Weight: 1.8 kg/pc
Code number: 3810002

PULLEY FOR INSTALLING OF LV ABC ON POLES FR 270 (1000 daN)

For the proper installation and subsequent tensioning of low-voltage aerial bundled cable lines, special pulleys must be used to ensure smooth unreeling and to eliminate the possibility of sag differences between two adjacent spans during tensioning. The construction of the pulley allows for easy installation and removal, as well as the insertion of the neutral messenger into the corresponding clamp. For unreeling and installation needs of the cable line, we recommend the "FEMAN PULLEY". The design of the pulley assembly fully meets the requirements for unreeling, being lightweight and convenient for installation and removal. The body and the wheel of the pulley assembly are made of an aluminum alloy. The pulley rotates via a sleeve bearing.

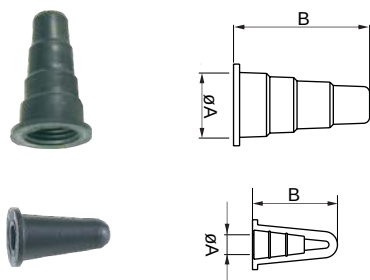
Packaging: 1 pc
Weight: 4.35 kg/pc
Code number: 3810000

PULLEY FOR INSTALLING OF LV ABC ON POLES FR 350 (1600 daN)

This pulley assembly is essential for the installation of medium-voltage aerial bundled cable lines. The pulley is suspended from the bracket arm attached to the general-purpose bracket. From this pulley, using a special FEMAN device, the insulated neutral messenger of the MV aerial bundled cable is transferred into the suspension support clamp.

Packaging: 1 pc
Weight: 8.4 kg/pc
Code number: 3810005

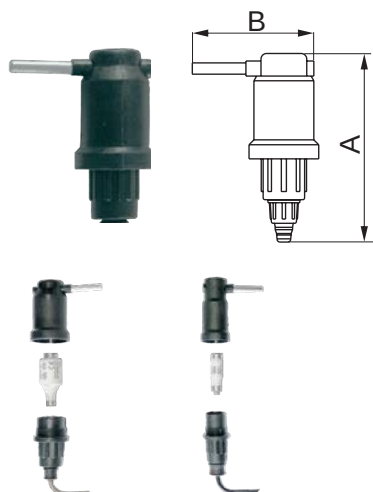
END INSULATION CAP



They are intended for the secure insulation of low-voltage aerial bundled cable ends to prevent moisture ingress into the cable and ensure safe live working. They are made of insulating rubber and are resistant to UV radiation and all external atmospheric influences.

Code No.	Conductor Cross-Section mm ²	øA mm	B mm	Packaging pcs	Weight g/100 pcs.
3830716	16-25	8,5	62	100	0,4
3830700	50-70	13	76	100	1,6
3830706	6-35	7	30	100	0,2
3830725	35-150	19	45	100	0,43

INSULATED HOUSING FOR FUSES ON NETWORK LINE (AERIAL FUSE HOLDER)



It is intended for the protection of public lighting connected to aerial bundled cable lines as well as to all types of uninsulated overhead lines. It is made of special insulating materials resistant to high temperatures, UV radiation, and all external atmospheric influences. By using "FEMAN" insulated piercing connector (FIDOS) for line connection, complete sealing is achieved.

They are produced in two sizes. Using these holders achieves multiple benefits, such as easy fault detection and uninterrupted operation of the rest of the network despite a failure in any individual light fixture.

Code No.	Designation	Current A	AxB mm	Packaging pcs.	Weight g/100 pcs.
3802614	E14/DOI	2-16	83x51	50	3,4
3802627	E27/DII	6-25	92x65	50	4,6

WRENCH FOR SEPARATING CORES FROM CABLE BUNDLE

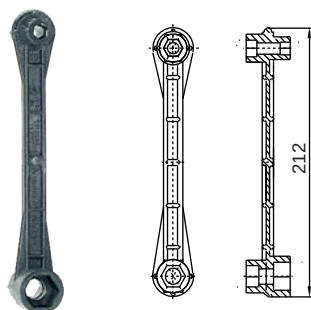


It is made of a special insulating material with high mechanical strength. It is used to separate individual phases from the bundle to facilitate the installation of the corresponding connector. **When performing installation under live conditions, the use of protective gloves is mandatory.**

Packaging: 1 pc
Weight: 0.36 kg
Code No.: 3850110



UNIVERSAL INSULATED WRENCH FOR TIGHTENING PIERCING CONNECTORS AND OTHER SHEAR NUTS

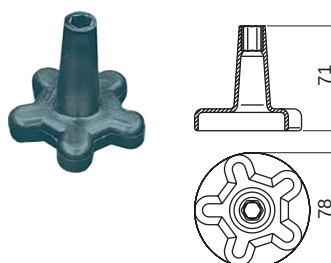


It is intended for tightening the shear head nut on "FIDOS" insulation piercing connectors. It also enables live working during the installation of FIDOS clamps on aerial bundled cable lines. This wrench can be used to tighten hex nuts with sizes of 13, 17, 19, and 22 mm.

When performing installation under live conditions, the use of protective gloves is mandatory.

Packaging: 10 pcs
Weight: 0.06 kg
Code No.: 3850105

WRENCH OK-10 FOR TIGHTENING PIERCING CONNECTORS AND OTHER SHEAR NUTS



It is intended for tightening the shear head nut on insulation piercing connectors. It also enables live working during the installation of clamps on aerial bundled cable lines.

When performing installation under live conditions, the use of protective gloves is mandatory.

Packaging: 100 pcs
Weight: 0.34 kg
Code No.: 3850100

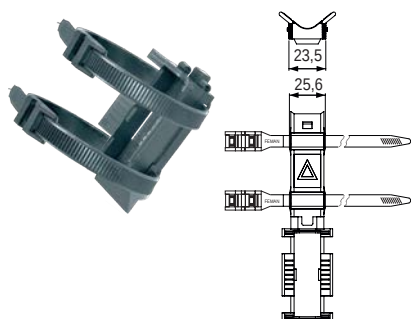
INSULATED WALL ANCHORED CABLE TIE WITH METAL NAIL FZN 60-I



It is intended for mounting aerial bundled cable lines and cables onto walls or poles. The low-voltage aerial bundled cable is secured using an adjustable tie. The body of the support and the tie are made of weather- and UV-resistant polyamide. Typically, the supports are wall-mounted at a distance of 0.7 m. When mounting on a wooden pole, the support with a metal nail (FZN 60S) is used by simply cutting off the top of the support and driving the nail directly into the wood.

Code No.	Type	Distance	Cable cross section mm	Packaging pcs	Weight kg/100 pcs.
1714061	FZN 60 S	60	25-60	75	6

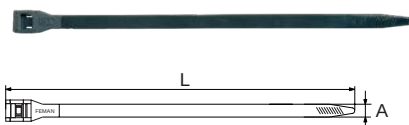
BIC CABLE BINDER



It is intended for mounting aerial bundled cable lines and cables onto walls or poles. The low-voltage aerial bundled cable and cables are secured using an adjustable tie. The body of the support and the tie are made of weather- and UV-resistant polyamide. The clamps are fixed to the wall using screws, and to the pole using stainless steel strapping and buckles. The binding of the aerial bundled cable and cable is achieved with the help of cable ties FKV 290x9 and FKV 360x9, which are supplied together with the clamp.

Code No.	Type	Cable cross section mm	Cable ties 2 pcs	Packaging pcs	Weight kg/100 pcs.
1714070	BIC 15-50	15-50	FKV 260/9	100	20
1714075	BIC 50-90	50-90	FKV 360/9	100	25

CABLE TIE WITH SINGLE-LOCKING HEAD



The single-locking cable tie is exceptionally resistant to UV radiation and all atmospheric influences, and features an extremely high tensile strength. It is designed to enable fast and easy installation on aerial bundled cable lines. It is made of insulating polyamide with no metal parts.

Code No.	Type	L mm	A mm	daN	Packaging pcs.	Weight kg/100 pcs.
1710188	FKVJ 180/9	180	9	30	100	0,25
1710268	FKVJ 260/9	260	9	30	100	0,45
1710368	FKVJ 360/9	360	9	30	100	0,65

CABLE TIE WITH DOBULE-LOCKING HEAD



The double-locking cable tie is exceptionally resistant to UV radiation and all atmospheric influences, and features an extremely high tensile strength. It is designed to enable fast and easy installation on aerial bundled cable lines. It is made of insulating polyamide with no metal parts.

Code No.	Type	L mm	A mm	daN	Packaging pcs.	Weight kg/100 pcs.
1710189	FKV 180/9	180	9	40	100	0,25
1710269	FKV 260/9	260	9	40	100	0,45
1710369	FKV 360/9	360	9	40	100	0,65

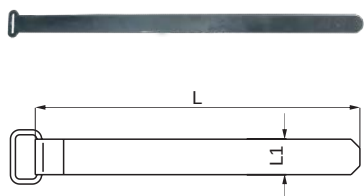
CABLE TIE WITH SINGLE BUCKLE



We recommend it as an alternative to plastic-coated straps. The cable tie is exceptionally resistant to UV radiation and all atmospheric influences, and it features high tensile strength. It is designed to enable fast and easy installation on aerial bundled cable lines. It is made of insulating polyamide with no metal parts, making it suitable for live working as well. It is tightened using the FLY-600L automatic cable tie tensioning tool (code number 1550613).

Code No.	Type	L mm	A mm	Packaging pcs	Weight kg/100 pcs
1710213	FKV 200/13	200	13	100	0,60
1710223	FKV 250/13	250	13	100	0,67

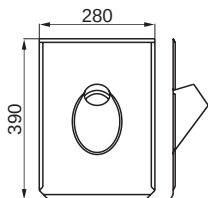
PVC COATED ALUMINIUM CABLE STRAP



It is intended for securing the phase conductors of low-voltage aerial bundled cable lines to the suspension support clamp on both sides, as well as in front of the anchoring support clamp to prevent unwinding of the cable bundle. The plastic-coated strap is made of aluminum sheet metal. Surface protection

Code No.	L mm	L1 mm	Packaging pcs	Weight kg/100 pcs.
3880120	200	20	50	0,6
3880130	300	20	50	1
3880135	350	20	50	1,2
3880140	400	20	50	1,4

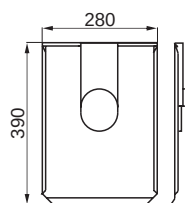
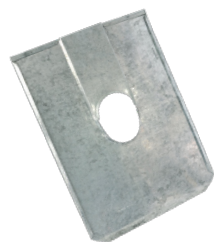
TIN ROOF TILE FOR ROOF PIPE SUPPORT



It is corrosion-protected by galvanic zinc plating.

Code No.	Designation pipe Ø	Packaging pcs	Weight kg/100 pcs.
3890420	2"	10	67
3890425	2,5"	10	69
3890430	3"	10	73

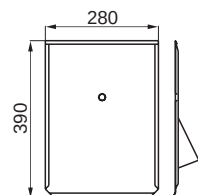
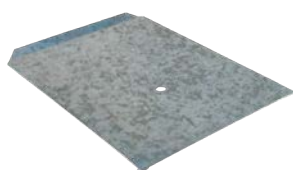
TWO-PART TIN ROOF TILE



It is intended for use as rainproofing protection on tiled roofs in cases where the roof pole support has already been installed. It is corrosion-protected by galvanic zinc plating.

Code No.	Designation pipe Ø	Packaging pcs	Weight kg/100 pcs.
3890444	2"	20	60
3890445	2,5"	20	58
3890446	3"	20	56

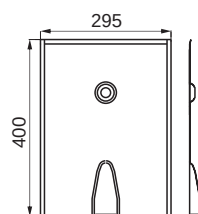
TIN ROOF TILE FOR ANCHOR AND PTT ANCHOR



It is intended for anchors measuring $\varnothing 16-25$ mm and is corrosion-protected by galvanic zinc plating.

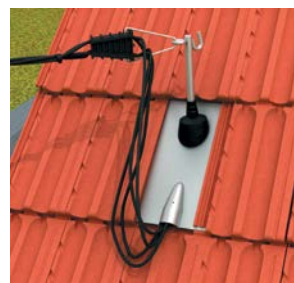
Packaging: 50 pcs
Weight: 54 kg/100 pcs
Code No.: 3890435

TIN ROOF TILE FOR RESIDENTIAL CONNECTION

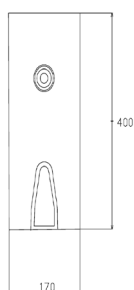


It is intended for residential connections. It is corrosion-protected by galvanic zinc plating and is supplied with a protective cap.

Packaging: 60 pcs
Weight: 62 kg/100 pcs
Code number: 3890440

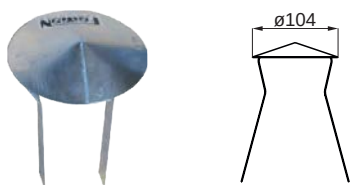


OVAL TIN ROOF TILE FOR RESIDENTIAL CONNECTION



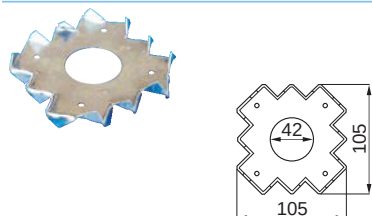
It is intended for residential connections. It is corrosion-protected by galvanic zinc plating and is supplied with a protective cap.

Packaging: 30 pcs
Weight: 32 kg/100 pcs
Code number: 3890441

TIN CAP FOR ROOF PIPE 2-3"

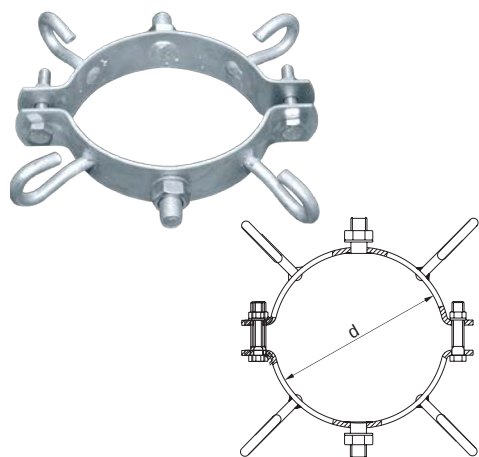
It is intended for installation on roof pole supports (2", 2.5", and 3") to prevent water penetration into the pipe. It is corrosion-protected by galvanic zinc plating.

Packaging: 100 pcs
Weight: 5.6 kg/100 pcs
Code No.: 3890250

BULDOG PLATE

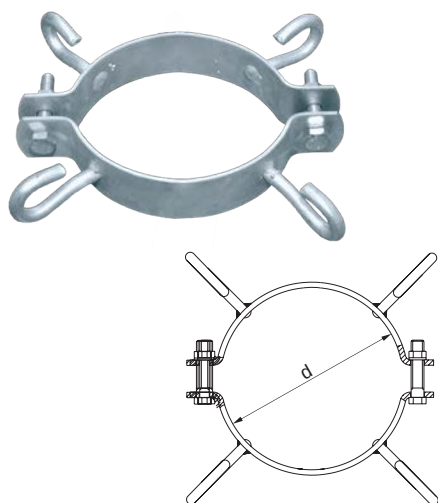
It is intended for reinforcing wooden supports, specifically for connecting the legs of wooden "A" poles. It is standardly provided with galvanic zinc plating, and upon the customer's request, hot-dip galvanizing can be done as well.

Packaging: 25 pcs
Weight: 7.5 kg/100 pcs
Code No.: 3890450

STEEL POLE CLAMP FOR ABC FOR 4 CONNECTIONS AND 2 BRACKETS

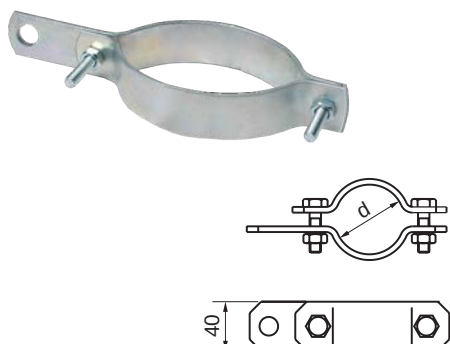
It is intended for securing suspension and anchoring elements onto concrete, steel, and wooden poles, or when mulTypele service connections are required at a single location. It is standardly provided with galvanic zinc plating, and upon the customer's request, hot-dip galvanizing can be done as well.

Code No.	d mm	Packaging pcs	Weight kg/100 pcs.
3891130	120-130	5	172
3891150	130-150	5	182
3891170	150-170	5	208
3891200	170-200	5	187
3891250	200-250	5	215
3891300	250-300	5	253
3891360	300-360	5	280

STEEL POLE CLAMP FOR ABC FOR 4 CONNECTIONS

It is intended for securing suspension and anchoring elements onto concrete, steel, and wooden poles, or when mulTypele service connections are required at a single location. It is standardly provided with galvanic zinc plating, and upon the customer's request, hot-dip galvanizing can be done as well.

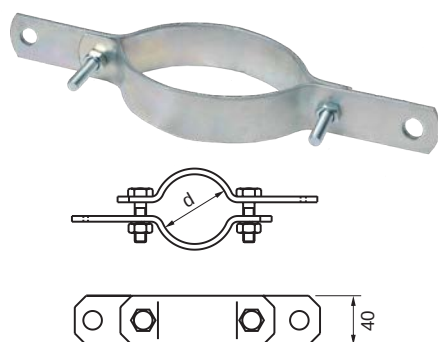
Code No.	d mm	Packaging pcs	Weight kg/100 pcs
3895130	120-130	5	172
3895150	130-150	5	182
3895170	150-170	5	208
3895200	170-200	5	187
3895250	200-250	5	215
3895300	250-300	5	253
3895360	300-360	5	280

TWO-PIECE POLE CLAMP WITH ONE OPENING

It is intended for securing suspension and anchoring elements onto concrete, steel, and wooden poles. It is standardly provided with galvanic zinc plating, and upon the customer's request, hot-dip galvanizing can be done as well.

Code No.	d mm	Packaging pcs
3894115	130-150	5
3894117	150-170	5
3894120	170-200	5
3894125	200-250	5

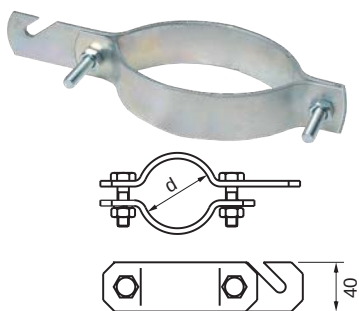
TWO-PIECE POLE CLAMP WITH TWO OPENINGS



It is intended for securing suspension and anchoring elements onto concrete, steel, and wooden poles. It is standardly provided with galvanic zinc plating, and upon the customer's request, hot-dip galvanizing can be done as well.

Code No.	d mm	Packaging pcs
3894130	130-150	5
3894137	150-170	5
3894140	170-200	5
3894145	200-250	5

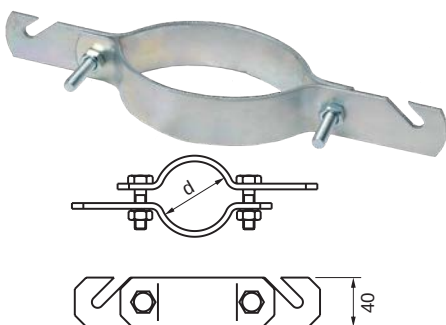
TWO-PIECE POLE CLAMP WITH ONE NOTCH



It is intended for securing suspension and anchoring elements onto concrete, steel, and wooden poles. It is standardly provided with galvanic zinc plating, and upon the customer's request, hot-dip galvanizing can be done as well.

Code No.	d mm	Packaging pcs
3894015	130-150	5
3894017	150-170	5
3894020	170-200	5
3894025	200-250	5

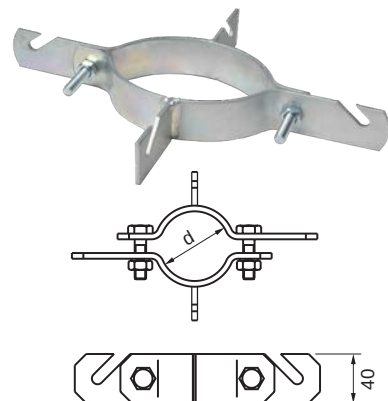
TWO-PIECE POLE CLAMP WITH TWO NOTCHES



It is intended for securing suspension and anchoring elements onto concrete, steel, and wooden poles. It is standardly provided with galvanic zinc plating, and upon the customer's request, hot-dip galvanizing can be done as well.

Code No.	d mm	Packaging pcs
3894035	130-150	5
3894037	150-170	5
3894040	170-200	5
3894045	200-250	5

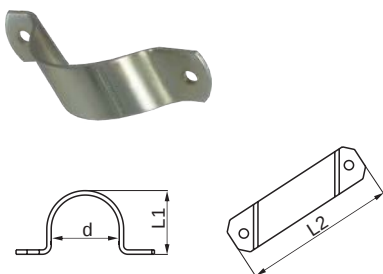
TWO-PIECE POLE CLAMP WITH FOUR NOTCHES



It is intended for securing suspension and anchoring elements onto concrete, steel, and wooden poles. It is standardly provided with galvanic zinc plating, and upon the customer's request, hot-dip galvanizing can be done as well.

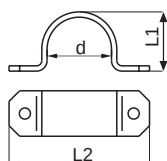
Code No.	d mm	Packaging pcs
3894055	130-150	5
3894057	150-170	5
3894060	170-200	5
3894065	200-250	5

SLOPED POST CLAMP



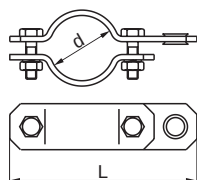
Kit is intended for securing roof pipe supports to the roof structure. It is standardly provided with galvanic zinc plating, and upon the customer's request, hot-dip galvanizing can be done as well.

Code No.	Designation	d mm	L1 mm	L2 mm	Packaging pcs.	Weight kg/100 pcs
3890524	2"	61	56	155	50	38
3890527	2,5"	77	72	171	50	43
3890532	3"	90	85	188	50	54

FLAT POST CLAMP

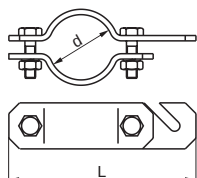
It is intended for securing roof pipe supports to the roof structure. It is standardly provided with galvanic zinc plating, and upon the customer's request, hot-dip galvanizing can be done as well.

Code No.	Designation	d mm	L1 mm	L2 mm	Packaging pcs.	Weight kg/100 pcs
3890523	2"	61	56	133	50	35
3890525	2,5"	77	72	149	50	40
3890530	3"	90	85	162	50	46

TWO-PIECE POST CLAMP WITH ONE RING

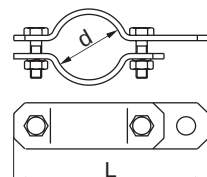
It is intended for single-sided anchoring of a roof pipe support (bracket) and for connecting aerial bundled cables (ABC) using an anchoring clamp. It is standardly provided with galvanic zinc plating, and upon the customer's request, hot-dip galvanizing can be done as well.

Code No.	Designation	d mm	L mm	Packaging pcs.	Weight kg/100 pcs
3890682	2"	61	175	50	69
3890684	2,5"	77	192	50	71
3890686	3"	90	210	40	99

TWO-PIECE POST CLAMP WITH ONE NOTCH

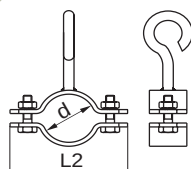
It is intended for single-sided anchoring of a roof pipe support (bracket) and for connecting aerial bundled cables (ABC) using an anchoring clamp. It is standardly provided with galvanic zinc plating, and upon the customer's request, hot-dip galvanizing can be done as well.

Code No.	Designation	d mm	L mm	Packaging pcs.	Weight kg/100 pcs
3890642	2"	61	175	50	85
3890644	2,5"	77	192	50	92
3890646	3"	90	210	40	97

TWO-PIECE POST CLAMP WITH ONE OPENING

It is intended for securing roof pipe supports to the roof structure. It is standardly provided with galvanic zinc plating, and upon the customer's request, hot-dip galvanizing can be done as well.

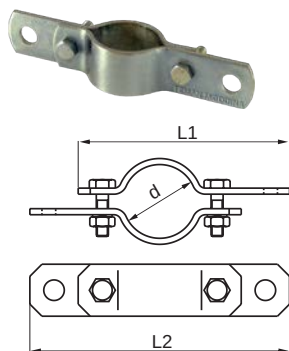
Code No.	Designation	d mm	L mm	Packaging pcs.	Weight kg/100 pcs
3890620	2"	61	175	50	68
3890625	2,5"	77	192	50	70
3890630	3"	90	210	40	98

TWO-PIECE POST CLAMP WITH ONE HOOK

It is intended for securing roof pipe supports to the roof structure. It is standardly provided with galvanic zinc plating, and upon the customer's request, hot-dip galvanizing can be done as well.

Code No.	Designation	d mm	L mm	Packaging pcs.	Weight kg/100 pcs
3890652	2"	61	135	50	69
3890654	2,5"	77	152	50	71
3890656	3"	90	190	40	99

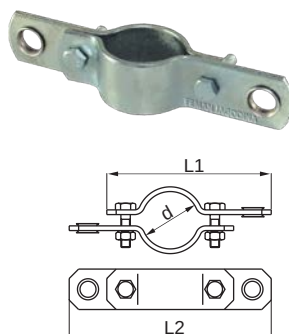
TWO-PIECE POST CLAMP WITH TWO OPENINGS



It is intended for double-sided anchoring of a roof pipe support (bracket) and for connecting aerial bundled cables (ABC) using an anchoring clamp. It is standardly provided with galvanic zinc plating, and upon the customer's request, hot-dip galvanizing can be done as well.

Code No.	Designation	d mm	L1 mm	L2 mm	Packaging pcs	Weight kg/100 pcs
3890662	2"	61	175	215	40	73
3890664	2,5"	77	192	232	35	76
3890666	3"	90	210	250	35	104

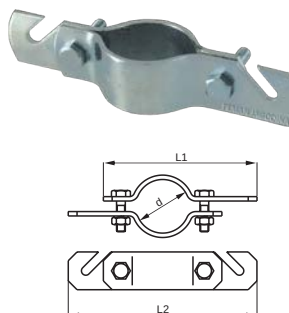
TWO-PIECE POST CLAMP WITH TWO RINGS



It is intended for double-sided anchoring of a roof pipe support (bracket) and for connecting aerial bundled cables (ABC) using an anchoring clamp. It is standardly provided with galvanic zinc plating, and upon the customer's request, hot-dip galvanizing can be done as well.

Code No.	Designation	d mm	L1 mm	L2 mm	Packaging pcs	Weight kg/100 pcs
3890692	2"	61	175	215	50	74
3890694	2,5"	77	192	232	50	77
3890696	3"	90	210	250	40	105

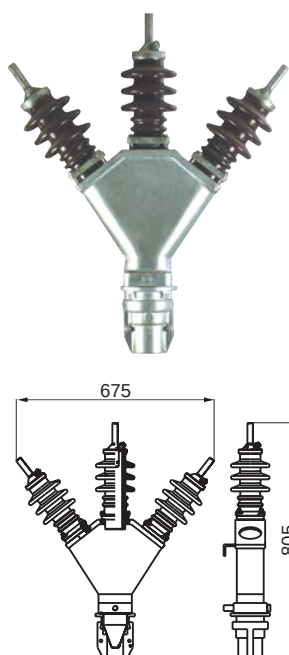
TWO-PIECE POST CLAMP WITH TWO NOTCHES



It is intended for double-sided anchoring of a roof pipe support (bracket) and for connecting aerial bundled cables (ABC) using an anchoring clamp. It is standardly provided with galvanic zinc plating, and upon the customer's request, hot-dip galvanizing can be done as well.

Code No.	Designation	d mm	L1 mm	L2 mm	Packaging pcs	Weight kg/100 pcs
3890672	2"	61	175	215	40	72
3890674	2,5"	77	192	232	35	75
3890676	3"	90	210	250	35	103

CABLE TERMINAL BOX FOR OUTDOOR MOUNTING KGTs-10



The cable terminal box type KGTs-10 is used for outdoor installation to terminate three-core paper-insulated cables with copper or aluminum conductors with a cross-section up to 240 mm², and a rated voltage up to 10 kV.

The cable terminal box consists of the following parts:

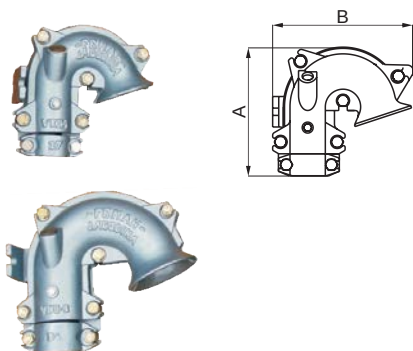
- A cable terminal box housing made of silumin (Al alloy),
- Two porcelain insulators and one glass insulator (the middle insulator is made of glass and serves for visual inspection of the oil level),
- A copper funnel, which is attached to the lower part of the box housing and through which the cable enters the terminal box. The funnel also serves to be soldered to the lead sheath of the cable, achieving a hermetic seal between the cable and the terminal box,
- Installation material

The detailed installation procedure is described in the installation instructions provided with each product delivery. After completing the installation, the cable terminal box is filled, through the opening on the cap of the middle insulator, with an oil compound which is an integral part of the installation material.

Note: The Al-Cu terminal pin is ordered separately.

Packaging: 1 pc.
Weight (without oil compound): 13 kg/pc.
Code No.: 4800010

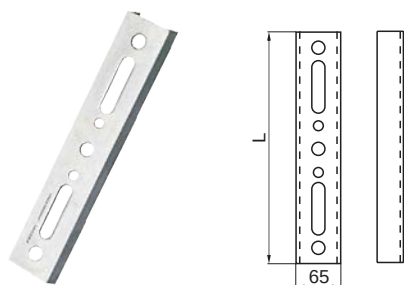
CABLE TERMINAL BOX VKG



It is used when transitioning from a cable line to an aerial bundled cable (ABC) and vice versa. At the end of the cable line, it is necessary to install the appropriate cable terminal box, which consists of the upper part, a clamp, and screws used to interconnect the parts of the box. On the lower part, there is a section for securing the cable terminal box to a wall or a pole. The general-purpose bracket features pre-drilled holes intended for securing the VKG cable terminal box. To prevent moisture from entering the cable, a cable bitumen compound is poured into the cable terminal box through the opening at the top. The box is cast from silumin and is easy to install.

Code No.	Designation	Max cable mm ²	A mm	B mm	Packaging pcs.	Weight kg/100 pcs
3800001	VKG 1	up to 4 x 50	213	220	1	1,70
3800003	VKG 3	up to 4 x 150	255	290	1	2,16

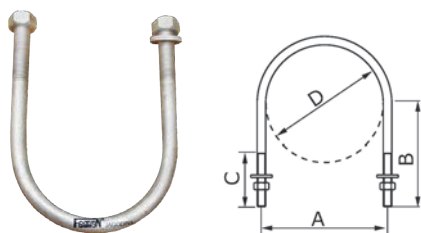
GENERAL PURPOSE BRACKET



It is used for mounting a universal Al bracket, VKG cable terminal boxes, MV ABC equipment, etc., onto a pole. It is secured using pole clamps. It is standardly provided with galvanic zinc plating, and upon the customer's request, hot-dip galvanizing can be done as well.

Code No.	Type	L mm	Packaging pcs.	Weight kg/100 pcs
4894000	L375	375	1	2,32
4894002	L480	480	1	2,80

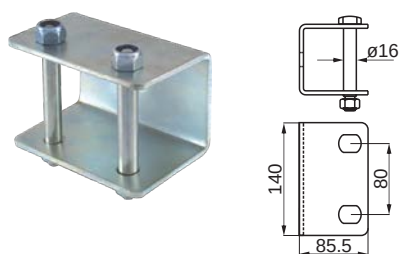
STEEL U-BOLT CLAMP FOR ROUND POLES



It is used for fixing the general-purpose bracket onto a pole, or for securing the equipment mounted on the bracket. It is standardly provided with galvanic zinc plating, and upon the customer's request, hot-dip galvanizing can be done as well.

Code No.	Type	D mm	A mm	B mm	C mm	Packaging pcs	Weight kg/100 pcs
4895140	S-160	100-160	176	160	100	10	95
4895190	S-200	160-200	216	160	100	10	115
4895240	S-250	200-250	266	210	100	10	135
4895290	S-315	250-315	331	240	100	10	160
4895400	S-400	315-400	416	280	120	10	200

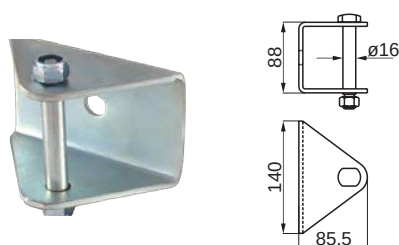
EXTENSION BRACKET FOR TWO CABLE CLAMP TRANSITIONAL ANCHORING



It is used for connecting a general-purpose bracket and two anchoring clamps in double anchoring applications for MV ABC or bare ACSR (Al-Fe) conductors. It is standardly provided with galvanic zinc plating, and upon the customer's request, hot-dip galvanizing can be done as well.

Packaging: 10 pcs.
Weight: 2 kg/pc
Code number: 4894004

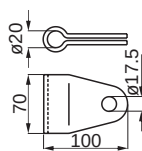
EXTENSION BRACKET FOR SINGLE CABLE CLAMP DEAD END ANCHORING



It is used for connecting a general-purpose bracket and an anchoring clamp in single anchoring applications for MV ABC or bare ACSR (Al-Fe) conductors. It is standardly provided with galvanic zinc plating, and upon the customer's request, hot-dip galvanizing can be done as well.

Packaging: 10 pcs.
Weight: 1.2 kg/pc.
Code number: 4894005

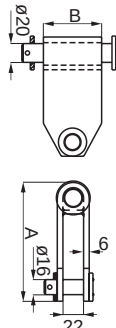
EXTENSION FLAG BRACKET ACCESSORY FOR CONNECTION OF MV ANCHORING CLAMP(S)



It is used for connecting a flag bracket and an anchoring clamp in single and double anchoring applications for MV ABC or bare ACSR (Al-Fe) conductors. It is standardly provided with galvanic zinc plating, and upon the customer's request, hot-dip galvanizing can be done as well.

Packaging: 10 pcs.
Weight: 0.48 kg/pc.
Code No.: 4894006

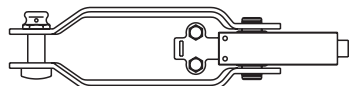
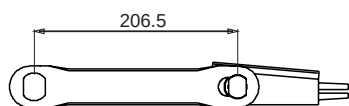
EXTENSION FLAG BRACKET FOR CONNECTION OF MV ANCHORING AND SUSPENSION ACCESSORIES



Flag brackets (flags) are used for the anchoring of medium-voltage equipment (10-35 kV). They are protected by galvanic zinc plating, and upon the customer's request, hot-dip galvanizing can be done as well.

Code No.	A mm	B mm	Packaging pcs	Weight kg/100 pcs
4703020	93	46	10	0,72
4703022	127	62	10	1,12
4703024	127	94	10	1,60

ANCHORING CLAMP FOR MV ABC AND ADSR (AL-FE) CONDUCTORS WITHOUT FLAG

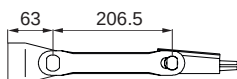


It is used for the anchoring and double-angle suspension of medium-voltage cable bundles (bare ACSR conductors). For MV ABC, suspension is carried out via the messenger wire. It is used as a set together with a flag, a flag bracket, and a general-purpose bracket. Min. breaking force: 40 kN (without the wedge anchoring clamp).

Note: When ordering, please specify whether it is intended for ABC or ACSR conductor.

Code No.	Anchoring clamp for Al-Fe conductors mm ²	Packaging pcs	Weight kg/100 pcs
4853350	35	10	1,41
4853500	50	10	1,40
4853700	70	10	1,39
4853950	95	10	1,38

ANCHORING CLAMP FOR MV ABC AND ADSR (AL-FE) CONDUCTORS WITH FLAG

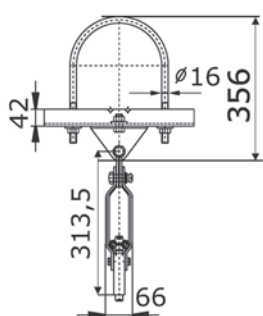


It is used for the anchoring and double-angle suspension of medium-voltage cable bundles (bare ACSR conductors). For MV ABC, suspension is carried out via the messenger wire. It is used as a set together with a flag, a flag bracket, and a general-purpose bracket.

Note: When ordering, please specify whether it is intended for ABC or ACSR conductor.

Code No.	Anchoring clamp for Al-Fe conductors mm ²	Packaging pcs	Weight kg/100 pcs
4850350	35	10	1,94
4850500	50	10	1,92
4850700	70	10	1,90
4850950	95	10	1,88

SINGLE ANCHORING SET FOR MV ABC AND ACSR (AL-FE) CONDUCTORS - DEAD END

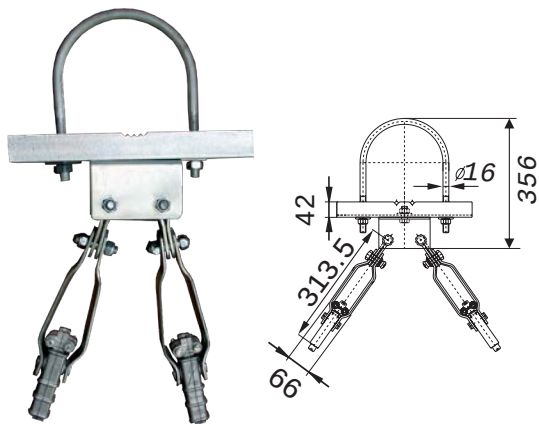


It includes an MV ABC clamp, a flag, a flag bracket, a general-purpose bracket, and the appropriate pole clamp.

It is standardly provided with galvanic zinc plating, and upon the customer's request, hot-dip galvanizing can be done as well.

Code No.	For pole Ø mm	Packaging pcs	Weight kg/100 pcs
4892160	160	1	6,52
4892200	210	1	6,78
4892250	250	1	7,01
4892315	315	1	7,24

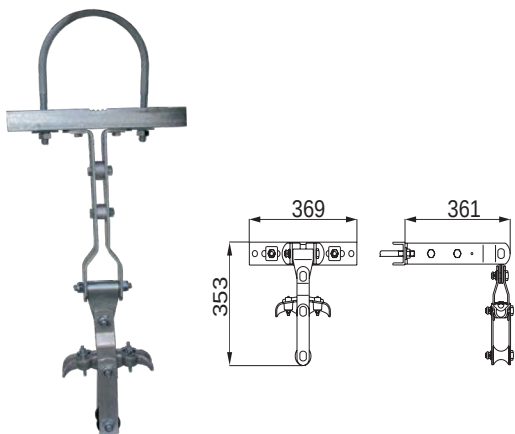
DOUBLE ANCHORING SET FOR MV ABC AND ACSR (AL-FE) CONDUCTORS - TRANSITIONAL



It includes two MV ABC clamps, two flags, a double flag bracket, a general-purpose bracket, and the appropriate pole clamp. It is standardly provided with galvanic zinc plating, and upon the customer's request, hot-dip galvanizing can be done as well.

Code No.	For pole Ø mm	Packaging pcs	Weight kg/100 pcs
4893160	160	1	9,04
4893200	210	1	9,28
4893250	250	1	9,54
4893315	315	1	9,75

SUSPENSION SET FOR MV ABC AND ACSR (AL-FE) CONDUCTORS

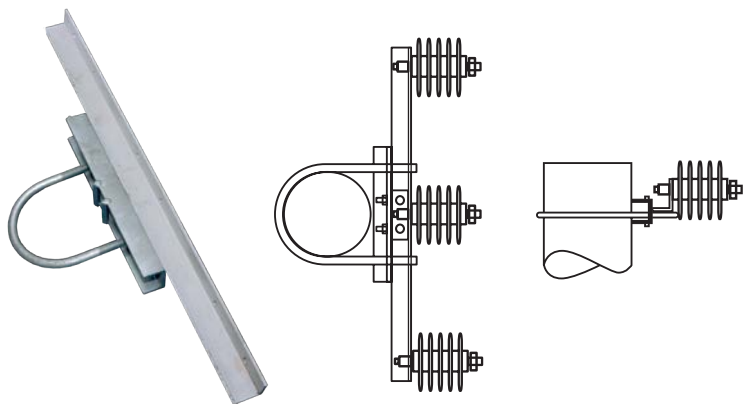


It is used for the suspension mounting of MV ABC and ACSR (Al-Fe) conductors on poles. The minimum breaking force is 40 kN (without the suspension clamp).

The steel parts are standardly provided with galvanic zinc plating, and upon the customer's request, hot-dip galvanizing can be done as well.

Code No.	For pole Ø mm	Packaging pcs	Weight kg/100 pcs
4891160	160	5	8,68
4891200	200	5	8,92
4891250	250	5	9,10
4891315	315	5	9,30

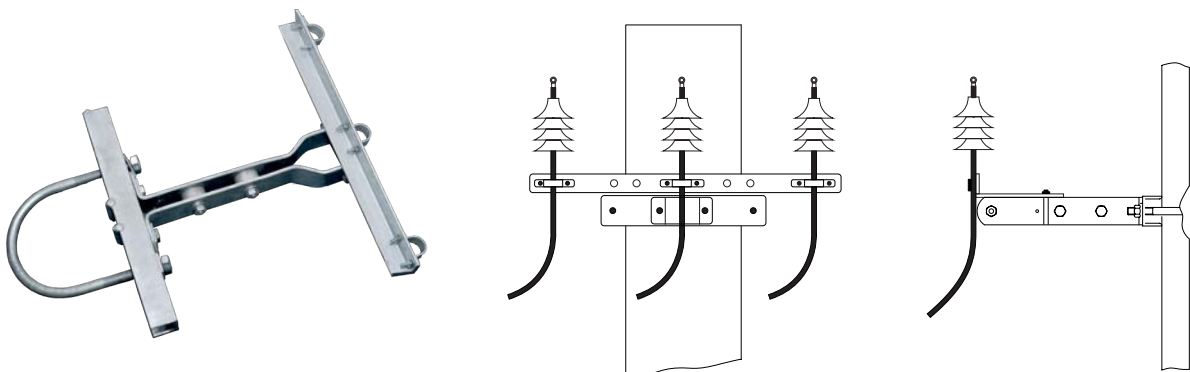
BRACKET FOR CABLE SURGE ARRESTERS



The bracket is mounted onto the pole shaft by tightening the nuts on the steel pole U-bolt clamp, the cross-section of which depends on the cross-section of the pole shaft. The general-purpose bracket is fabricated from a UPN 65 profile, while the spacers and the support are made of high-quality hot-rolled sheet metal. Corrosion protection is provided by galvanic zinc plating, and upon the customer's request, hot-dip galvanizing can be done as well.

Code No.: 4717527

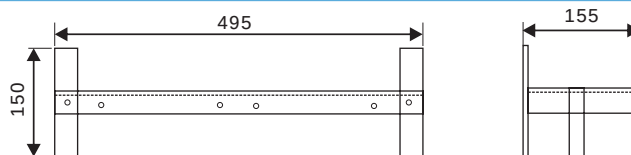
EXTENDED BRACKET FOR MV CABLE TERMINALS



The bracket is mounted onto the pole by tightening the nuts on the steel pole U-bolt clamp, the cross-section of which depends on the cross-section of the pole. The general-purpose bracket is fabricated from a UPN 65 profile, while the spacers and the support are made of high-quality hot-rolled sheet metal. Corrosion protection is provided by galvanic zinc plating, and upon the customer's request, hot-dip galvanizing can be done as well.

Code No.: 4717526

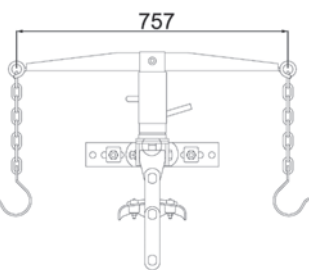
CABLE HEAD SUPPORT BRACKET FOR TRANSFORMERS



On the front side of the bracket, there are aluminum clamps used to hold the cores of the XHP cable, while an FeZn 25x3 mm tape is mounted on the upper side to support and ground the cable terminal box.

Weight: 2.2 kg
Code No.: 5200066

DEVICE FOR TRANSFERING MV ABC FROM PULLEY TO SUSPENSION BRACKET



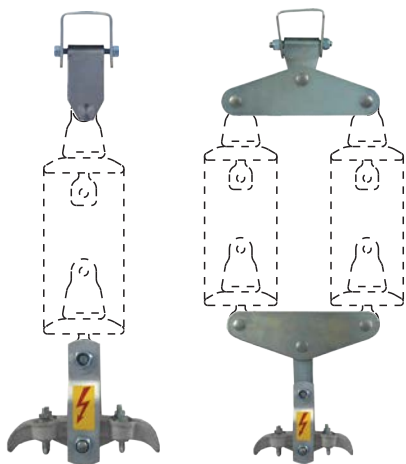
The device for transferring the cable bundle from the pulley to the suspension clamp is easy to handle and facilitates installation work. It is designed for transferring medium-voltage bundles, and it is also used for the installation of 0.4 kV ABC. The device features integrated hydraulics used to lift the bundle via a yoke and a chain, transferring it onto the suspension clamp.

DEVICE FOR TRANSFERRING THE BUNDLE FROM THE PULLEY TO THE SUSPENSION CLAMP CONSISTS OF:

Hand hydraulic jack 1.5 t
Handle
Pulley support
Bracket
Suspension clamp assembly

Packaging: 1 pc.
Device weight: 7 kg
Code No.: 4880010

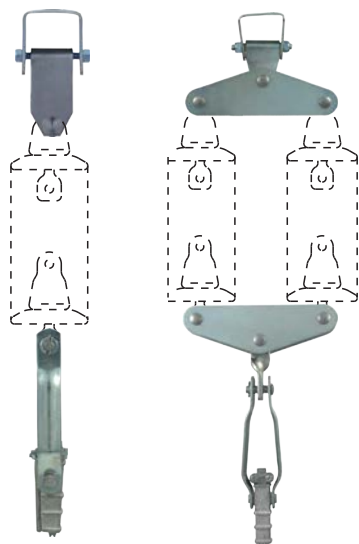
EQUIPMENT FOR SUSPENSION INSULATING STRING



Equipment for a single suspension insulator string consists of a flag bracket with a pin, a flag, and a suspension clamp. Equipment for a double suspension insulator string consists of a flag bracket with a pin, a flag, two spacers, and a suspension clamp. The equipment does not include insulators, which must be ordered separately. Steel parts are protected against corrosion by galvanic zinc plating, and upon the customer's request, hot-dip galvanizing can be done as well.

Code No.	String type	Packaging pcs	Weight kg/100 pcs
4890211	single	10	-
4890212	double	10	-

EQUIPMENT FOR ANCHORING INSULATING STRING

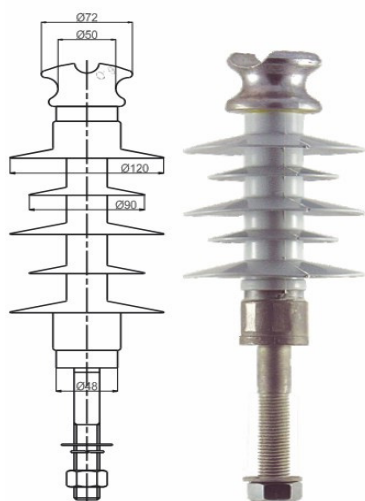


Equipment for a single tension insulator string consists of a flag bracket with a pin, a flag, and an anchoring clamp. Equipment for a double tension insulator string consists of a flag bracket with a pin, a flag, two extensions, two spacers, and an anchoring clamp. The equipment does not include insulators, which must be ordered separately. When ordering, please specify the insulator type and the number of insulators in the string.

Steel parts are protected against corrosion by galvanic zinc plating, and upon the customer's request, hot-dip galvanizing can be done as well.

Code No.	String type	Packaging pcs	Weight kg/100 pcs
4890201	single	10	-
4890202	double	10	-

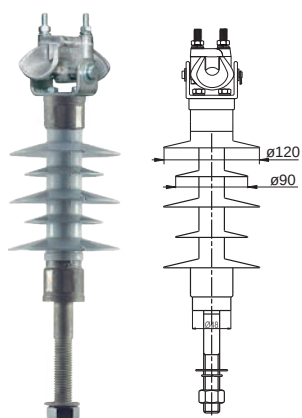
PIN SILICONE INSULATOR PSI



Silicone pin insulators are used in medium-voltage bare overhead networks ranging from 10 to 35 kV. They are manufactured in accordance with the requirements of standards IEC 61952/2002, IEC 60383/1993, and IEC 60060-1/1989. They are standardly produced with an M24/140 mm steel pin, and upon the customer's request, we can provide pins ranging from M20 to M36 with various lengths from 40 to 200 mm.

Code No.	Insulator type	Nominal network voltage kV	Nominal operating voltage kV	Withstand impulse voltage 1.2/50µs kV	Withstand AC voltage 50Hz under rain kV	Creepage distance mm	Breaking	Weight kg/pc
4890610	PSI 12 - M24/140	10	12	125	50	413	15	2.5
4890615	PSI 12 - M30/140	10	12	125	50	413	15	2.7
4890620	PSI 24 - M24/140	20	24	165	75	526	15	2.7
4890625	PSI 24 - M30/140	20	24	165	75	526	15	2.9
4890630	PSI 38 - M24/140	35	38	182	94	687	12.5	2.95
4890635	PSI 38 - M30/140	35	38	182	94	687	12.5	3.15

PIN SILICONE INSULATOR PSI WITH SUSPENSION CLAMP



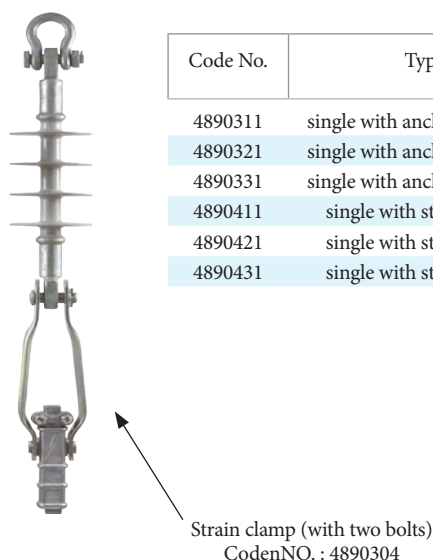
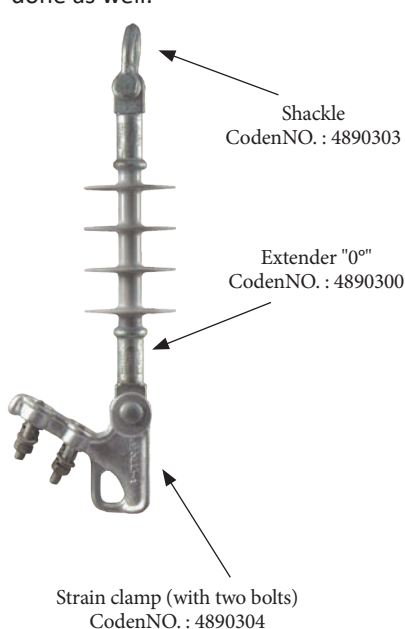
Silicone pin insulators with suspension clamps are used in medium-voltage bare overhead networks ranging from 10 to 35 kV. They are manufactured in accordance with the requirements of standards IEC 61952/2002, IEC 60383/1993, and IEC 60060-1/1989. They are standardly produced with an M24/140 mm steel pin, and upon the customer's request, we can provide pins ranging from M20 to M36 with various lengths from 40 to 200 mm. The conductor is secured to the insulator by means of an aluminum suspension clamp.

Code No.	Insulator type	Nominal network voltage kV	Nominal operating voltage kV	Withstand impulse voltage 1.2/50µs kV	Withstand AC voltage 50Hz under rain kV	Creepage distance mm	Breaking strength kN	Weight kg/pc
4890612	PSI-N 12 - M24/140	10	12	125	50	413	15	2,8
4890622	PSI-N 24 - M24/140	20	24	165	75	526	15	3,0
4890632	PSI-N 38 - M24/140	35	38	182	94	687	12,5	3,2

SINGLE ANCHORING SILICONE COMPOSITE INSULATING STRING

A single tension insulator string consists of a flag bracket with a pin, a flag, and an anchoring clamp. The equipment does not include insulators, which must be ordered separately. When ordering, please specify the insulator type and the number of insulators in the string.

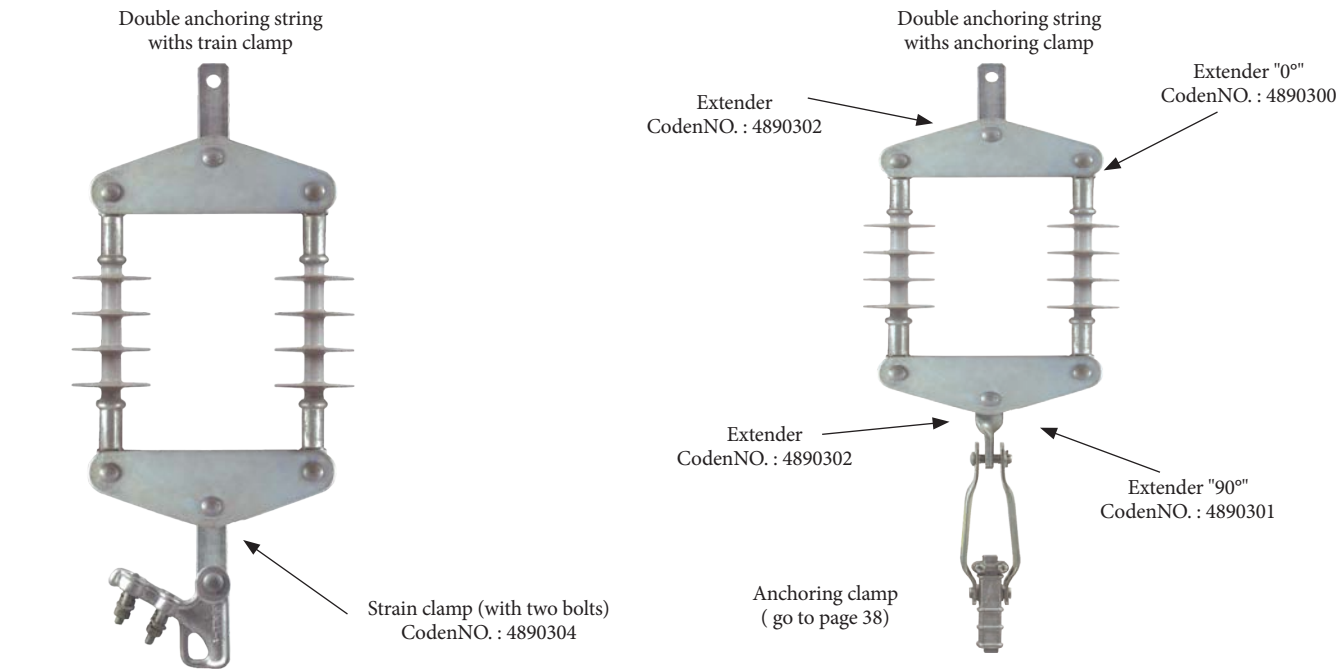
Steel parts are protected against corrosion by galvanic zinc plating, and upon the customer's request, hot-dip galvanizing can be done as well.



Code No.	Type	Voltage kV	Withstand voltage kV	Breaking strength daN
4890311	single with anchoring clamp	10	90	2500
4890321	single with anchoring clamp	20	130	2500
4890331	single with anchoring clamp	35	145	2500
4890411	single with strain clamp	10	90	4000
4890421	single with strain clamp	20	130	4000
4890431	single with strain clamp	35	145	4000

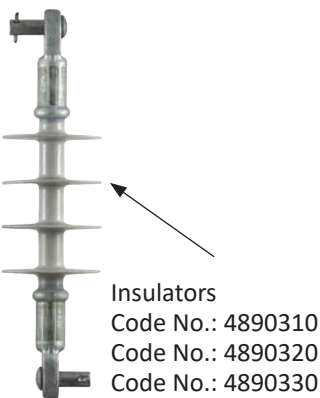
DOUBLE ANCHORING SILICONE COMPOSITE INSULATING STRING

Silicone composite tension insulator strings are used in medium-voltage overhead networks ranging from 10 to 35 kV. Equipment for a double tension insulator string consists of a flag bracket with a pin, a flag, two extensions, two spacers, and an anchoring clamp. The equipment does not include insulators, which must be ordered separately. When ordering, please specify the insulator type and the number of insulators in the string. Steel parts are protected against corrosion by galvanic zinc plating, and upon the customer's request, hot-dip galvanizing can be done as well. They are manufactured in accordance with the requirements of standard IEC 61109-1992-03. They are standardly produced for a mechanical load of 4000 daN. They are very lightweight compared to ceramic and glass insulator strings, which enables quick and easy installation. Corrosion protection is provided by galvanic zinc plating, and upon the customer's request, hot-dip galvanizing can be done as well.



Code No.	Type	Voltage kV	Withstand voltage kV	Breaking strength daN
4890312	double with anchoring clamp	10	90	4000
4890322	double with anchoring clamp	20	130	4000
4890332	double with anchoring clamp	35	145	4000
4890412	double with strain clamp	10	90	4000
4890422	double with strain clamp	20	130	4000
4890432	double with strain clamp	35	145	4000

EQUIPMENT FOR INSULATING STRING



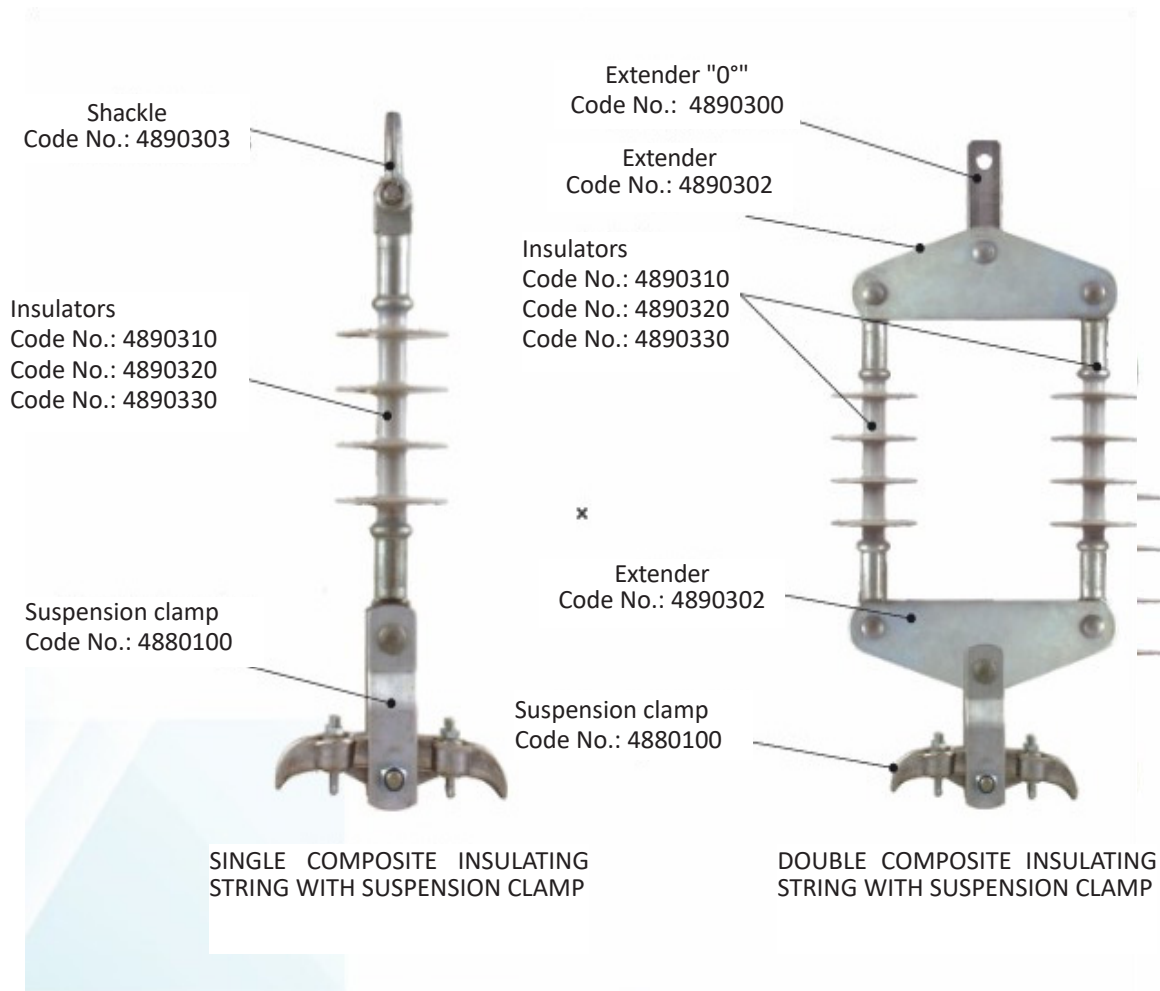
Silicone composite insulators are designed for tension and suspension mounting in bare overhead networks. They are manufactured in accordance with the standards: IEC 61109-1992-03.

Code No.	Naziv
4890300	Extender "0"
4890301	Extender "90"
4890302	Extender
4890303	Shackle
4890304	Strain clamp (with two bolts)
4890310	Inuslator 10kV
4890320	Inuslator 20kV
4890330	Inuslator 35kV



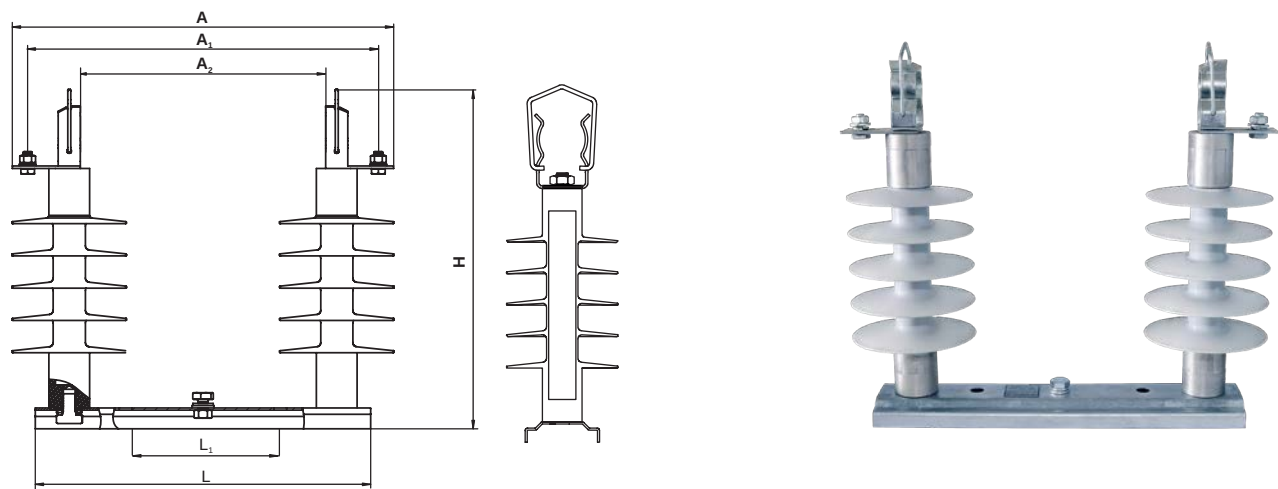
SUSPENSION SILICONE COMPOSITE INSULATING STRING

Silicone composite suspension insulator strings are used in medium-voltage overhead networks ranging from 10 to 35 kV. They are manufactured in accordance with the requirements of standard IEC 61109-1992-03. They are standardly produced for a mechanical load of 4000 daN. They are very lightweight compared to ceramic and glass insulator strings, which enables quick and easy installation. Corrosion protection is provided by galvanic zinc plating, and upon the customer's request, hot-dip galvanizing can be done as well.



Code No.	Type	Voltage kV	Withstand voltage kV	Breaking strength daN
4890511	Single composite insulating string with suspension clamp	10	90	4000
4890521	Single composite insulating string with suspension clamp	20	130	4000
4890531	Single composite insulating string with suspension clamp	35	145	4000
4890512	Double composite insulating string with suspension clamp	10	90	4000
4890522	Double composite insulating string with suspension clamp	20	130	4000
4890532	Double composite insulating string with suspension clamp	35	145	4000

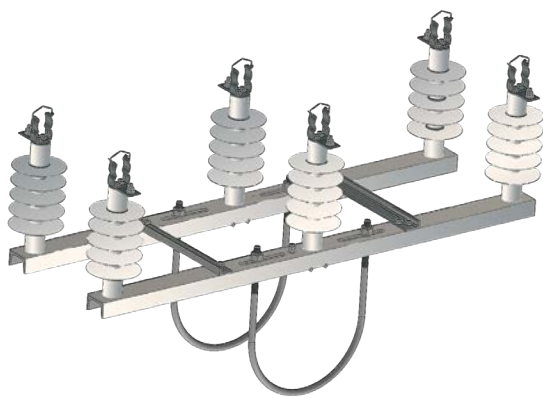
SINGLE-POLE HIGH-VOLTAGE FUSE HOLDER



Single-pole high-voltage fuse bases are designed to accommodate tubular fuses in accordance with the IEC 282-1 standard. The base consists of a steel support, silicone pin insulators, and copper contact elements. The rated current of the base is 200 A. They are intended for both indoor and outdoor installation.

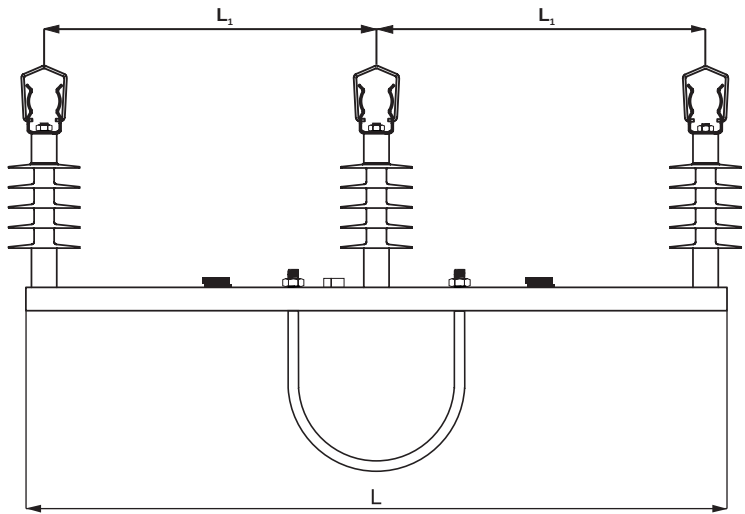
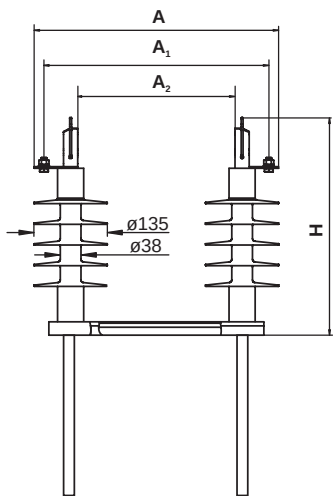
Code No.	Stand type	Umax kV	In A	A mm	A ₁ mm	A ₂ mm	L mm	L1 mm	H mm
4890710	JPVO-10	10	200	449	413	289	395	182	400
4890715	JPVO-20	20	200	599	563	439	499	300	400
4890720	JPVO-35	35	200	694	658	539	594	380	450

THREE-POLE HIGH-VOLTAGE FUSE HOLDER



Three-pole high-voltage fuse bases are designed to accommodate tubular fuses in accordance with the IEC 282-1 standard. The base consists of a steel support, silicone pin insulators, and copper contact elements. The rated current of the base is 200 A. They are intended for both indoor and outdoor installation.

Code No.	Stand type	Umax kV	In A	A mm	A ₁ mm	A ₂ mm	L mm	L1 mm	H mm
4890730	TPVO-10	10	200	449	413	289	1250	600	400
4890735	TPVO-20	20	200	599	563	439	1250	600	400
4890740	TPVO-35	35	200	694	658	534	1250	600	400



LOW VOLTAGE SURGE ARRESTER FNOP-I



It is used for outdoor installation in low-voltage networks with aerial bundled conductors (ABC) for a discharge current of 5 kA at voltages of 280, 500, and 660 V. For connecting the low-voltage surge arrester to the ABC, we recommend using the FIDOS PC 4-150 watertight piercing connector.

Code No.	Conductor type	Nominal discharge current (In) 8/20 μs / kA	Maximum discharge current (Im) 8/20 μs /kA	Continuous operating voltage (Uc) V	Voltage protection level Up at In 8/20 μs	Packaging pcs	Weight kg
4890140	FNOP-I 0,28/10	5	10	280	<1700	50	0,1
4890142	FNOP-I 0,5/10	5	10	500	<2600	50	0,1
4890144	FNOP-I 0,66/5	5	10	660	<2900	50	0,1

LOW VOLTAGE SURGE ARRESTER FNOP-R



It is used for outdoor installation in low-voltage networks with aerial bundled conductors (ABC) for discharge currents of 5 and 10 kA and for voltages of 280, 500, and 660 V. It effectively protects the network from overvoltages caused by lightning strikes. This product is equipped with a thermal disconnecter that also provides a visual indication when a discharge occurs. It complies with the EN 61643-11 standard. For connecting the low-voltage surge arrester to the ABC, we recommend using the FIDOS PC 4-150 watertight piercing connector.

Code No.	Conductor type	Nominal discharge current (In) 8/20 μs / kA	Maximum discharge current (Im) 8/20 μs /kA	Continuous operating voltage (Uc) V	Voltage protection level Up at In 8/20 μs	Packaging pcs	Weight kg
4890128	FNOP-R 0,28/10	10	40	280	<1700	50	0,16
4890130	FNOP-R 0,5/10	10	40	500	<1680	50	0,16
4890132	FNOP-R 0,66/5	5	35	660	<2465	50	0,16

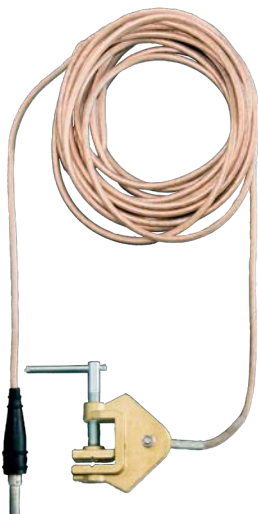
ACCESSORIES FOR CONNECTION OF INSULATED ADAPTERS FOR SHORT CIRCUITING IAKS-6



It is designed for connecting insulated adapters on the low-voltage ABC network to the grounding system. It consists of 6 insulated female connector ports with elastic contacts and a bayonet connection system made of tinned brass. It is manufactured for a short-circuit current of up to 4 kA/1s and a continuous current of up to 200 A, in accordance with the IEC 61230 standard.

Packaging: 1 pc
Weight: 1.80 kg/pc
Code No.: 3802566

INSULATED CONDUCTOR FOR GROUNDING IPKS-16



It is designed for connecting the IAKS-6 short-circuiting equipment to the grounding system. The grounding conductor features a male connector with a bayonet-style locking system on one end, which is suitable for connection to the short-circuiting equipment. On the other end of the conductor, there is a forged brass grounding clamp with a clamping capacity of up to 33 mm. The conductor has a cross-section of 16 mm² and a length of 10 m.

Packaging: 1 pc.
Weight: 3.20 kg/pc.
Code No.: 3802569

MARKER PLATES

Code No.	Designation	Dimension mm	Packaging pcs	Weight kg/100 pcs
4703035	Cable route marker plate 0.4 kV	92x64	50	22,8
4703036	Marker plate for two cable routes 0.4 kV	92x64	50	22,8
4703037	Marker plate for single cable left bend 0.4 kV	92x64	50	22,8
4703038	Marker plate for single cable right bend 0.4 kV	92x64	50	22,8
4703039	Marker plate for two cables left bend 0.4 kV	92x64	50	22,8
4703040	Marker plate for two cables right bend 0.4 kV	92x64	50	22,8
4703045	Pločica za trasu kabla 1 KV	92x64	50	22,8
4703046	Marker plate for two cable routes 1 kV	92x64	50	22,8
4703047	Marker plate for single cable left bend 1 kV	92x64	50	22,8
4703048	Marker plate for single cable right bend 1 kV	92x64	50	22,8
4703049	Marker plate for two cables left bend 1 kV	92x64	50	22,8
4703050	Marker plate for two cables right bend 1 kV	92x64	50	22,8
4703055	Cable route marker plate 10 kV	92x64	50	22,8
4703056	Marker plate for two cable routes 10 kV	92x64	50	22,8
4703057	Marker plate for single cable left bend 10 kV	92x64	50	22,8
4703058	Marker plate for single cable right bend 10 kV	92x64	50	22,8
4703059	Marker plate for two cables left bend 10 kV	92x64	50	22,8
4703060	Marker plate for two cables right bend 10 kV	92x64	50	22,8
4703061	Cable route marker plate 20 kV	92x64	50	22,8
4703062	Marker plate for single cable left bend 20 kV	92x64	50	22,8
4703063	Marker plate for single cable right bend 20 kV	92x64	50	22,8
4703065	Cable route marker plate 24 kV	92x64	50	22,8
4703066	Marker plate for two cable routes 24 kV	92x64	50	22,8
4703067	Marker plate for single cable left bend 24 kV	92x64	50	22,8
4703068	Marker plate for single cable right bend 24 kV	92x64	50	22,8
4703069	Marker plate for two cables left bend 24 kV	92x64	50	22,8
4703070	Marker plate for two cables right bend 24 kV	92x64	50	22,8
4703072	Cable route marker plate 35 kV	92x64	50	22,8
4703073	Marker plate for single cable left bend 35 kV	92x64	50	22,8
4703074	Marker plate for single cable right bend 35 kV	92x64	50	22,8
4703051	Cable joint marker plate	92x64	50	22,8
4703076	Telephone marker plate	92x64	50	22,8
4703077	PTT cable marker plate	92x64	50	22,8
4703078	Straight cable joint marker plate	92x64	50	22,8
4703079	T-cable joint marker plate	92x64	50	22,8
4703080	Water supply crossing marker plate	92x64	50	22,8
4703081	PTT crossing marker plate	92x64	50	22,8
4703082	Sewer crossing marker plate	92x64	50	22,8
4703083	District heating pipeline crossing marker plate	92x64	50	22,8
4703096	Duct bank marker plate	92x64	50	22,8

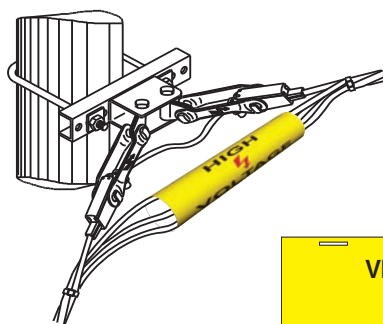


WARNING PLATES

Code No.	Naziv	Dimension mm	Packaging pcs	Weight kg/100 pcs
4703100	TWarning sign high voltage 145x200mm	200x145	50	8,8
4703102	Warning sign high voltage A-3	420x297	10	17,6
4703103	Pole serial number plate 145x200mm	200x145	50	8,8
4703104	Phase identification plate 145x200mm - WHITE	200x145	50	8,8
4703113	First aid instructions sign A-3	200x145	50	8,8
4703111	Golden safety rules sign A-3	420x297	10	17,6
4703112	Fire extinguisher instructions sign A-3	420x297	10	17,6
4703115	Fire extinguisher instructions sign A-3	420x297	10	17,6



PVC WARNING PLATES

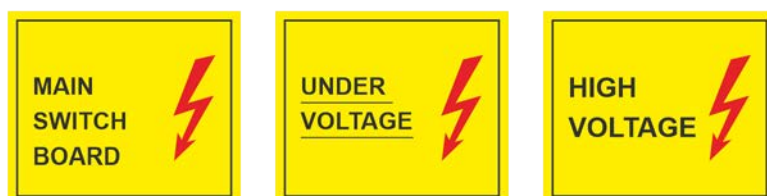


They are manufactured from a special self-extinguishing plastic that is resistant to all atmospheric influences. They are used for marking and signaling conductors and poles. The plates are flexible and easily adapt to the desired shape. In addition to this standard plate, we also produce custom plates according to the customer's request, with the text to be provided at the time of ordering.

Dimensions: 320x150 mm
Code No.: 4703200



SELF-ADHESIVE PVC PLATES



These plates are used for conveying specific messages or warnings.

They are manufactured on aluminum plates or self-adhesive foils using stable colors that are resistant to all atmospheric conditions.

In addition to those shown here, we also produce custom plates according to the customer's request, with the text (message) to be provided at the time of ordering.

Dimensions: 100x120 (120x100) mm
Code No.: 4703050

AUTOMATIC GRIPPING TOOL 6-14 mm

It is designed for pulling and tensioning aluminum (Al) and aluminum-conductor steel-reinforced (ACSR / AlČe) conductors with an outer diameter ranging from 6 mm to 14 mm. Its lever-system design grips the conductor, and as tension is applied, the gripping force of the clamp onto the conductor automatically increases, enabling a quick and secure connection for pulling and tensioning. The maximum tension force is 400 daN. The automatic come-along clamp features a built-in U-shackle, allowing for quick and easy connection to a pulling device. The clamp is manufactured from a special aluminum alloy.

Length: 308 mm
Weight: 1.5 kg
Code No.: 1884614

AUTOMATIC GRIPPING TOOL FOR ACSR (Al-Fe) CONDUCTOR 8-24 mm

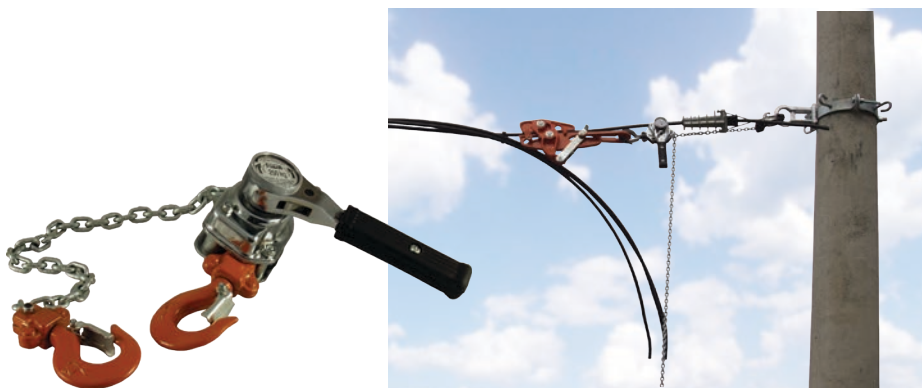
Used for tensioning Al-Fe stranded conductors with a diameter of 8–24 mm. It is made of alloy steel, while the jaws are made of an aluminum alloy. If it is used for tensioning steel ropes and cables (which must be specified when ordering), the jaws are made of steel. The maximum tensile force is 2000 daN.

Length: 270 mm
Weight: 3.5 kg
Code No.: 1884120

DEVICE FOR TENSIONING OF OVERHEAD LINES AND LOAD LIFTING UP TO 250 daN

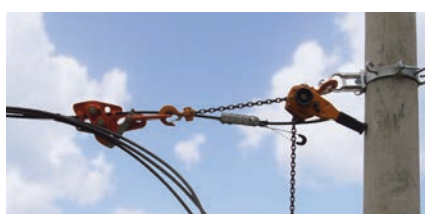
This device is used for tensioning overhead lines and lifting loads. One end of the device is fixed to a pole, facade, or a similar stationary object. By moving the lever, a gear system is activated, which sets the chain in motion. The installation and application of the device are quick and easy. The maximum tension force is 250 daN.

Code No.: 1885025

**DEVICE FOR TENSIONING OF OVERHEAD LINES AND LOAD LIFTING**

This device is used for tensioning overhead lines and lifting loads. One end of the device is fixed to a pole, facade, or a similar stationary object. By moving the lever, a gear system is activated, which sets the chain in motion. The installation and application of the device are quick and easy. The maximum tension force is 0.75 t and 1.5 t.

Code No.: 1885075 for 0.75 t
1885301 for 1.50 t



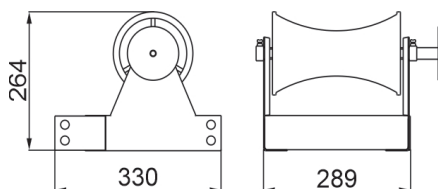
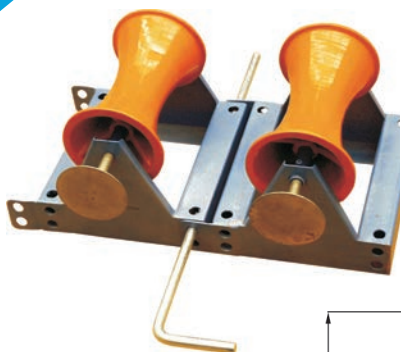
DEVICE FOR TENSIONING OF OVERHEAD LINES 7-15



This device is used for tensioning uninsulated overhead lines with an outer diameter ranging from 7 mm to 15 mm. One end of the device is fixed to a pole, facade, or a similar stationary object. By moving the lever, a lever system is activated, whereby two special clamps alternately tension and pull the conductor with a constant pulling force of 60 daN. The installation and application of the device are quick and easy. The maximum tension force is 800 kg.

Length: 630 mm
Weight: 5.7 kg
Code No.: 1884715

UNIVERSAL ROLLERS FOR CABLE LAYING



They are used for laying cables along a route. Utilizing these universal rollers saves time during cable laying and prevents potential damage to the cables. The roller is made of silumin (aluminum alloy), while the frame is constructed from steel profiles with an anti-corrosion plastic-coated finish.

The universality of the roller lies in its design, which allows multiple rollers to be interconnected for handling angular cable turns and bridging trenches or channels on site. Through this modular connection, a chain of rollers of unlimited length can be created. The steel rods used for joining and securing the rollers are supplied upon special request.

Packaging: 1 pc
Weight: 7 kg/pc
Code No.: 1800045

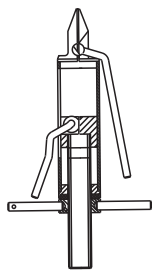
DEVICE WITH WIRE ROPE FOR PULLING LOADS



This device is used for pulling loads up to 800 kg using a wire rope with a diameter of 8.3 mm. One end of the device is fixed to a pole, facade, or a similar stationary object. By moving the lever, a lever system is activated, tensioning the conductor with a constant pulling force of 60 daN. The installation and application of the device are quick and easy.

Length: 426 mm
Weight: 6.4 kg
Code No.: 1885120 — 800 kg
Code No.: 1885160 — 1600 kg

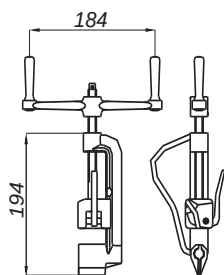
TUBULAR SS BAND INSTALLATION TOOL FZT-C



This tool is used for tensioning and cutting stainless steel strapping used to secure equipment to poles. This is a highly reliable and practical method for the quick and easy attachment of brackets, bases, supports, luminaires, guards, plates, etc., onto metal, concrete, or wooden poles and structures, achieving permanent high tensile strength without the need for drilling or welding.

Packaging: 1 pc.
Weight: 1.78 kg/pc.
Code No.: 4710000

SS BAND INSTALLATION TOOL FZT

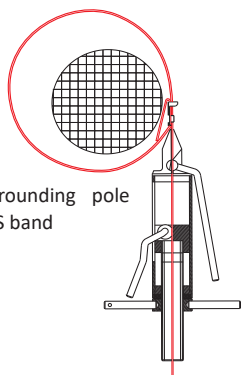


This tool is used for tensioning and cutting stainless steel strapping used to secure equipment to poles. This is a highly reliable and practical method for the quick and easy attachment of brackets, bases, supports, luminaires, guards, plates, etc., onto metal, concrete, or wooden poles and structures, achieving permanent high tensile strength without the need for drilling or welding.

Packaging: 1 pc.
Weight: 1.8 kg/pc.
Code No.: 4710002

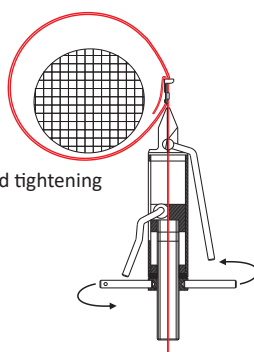
SS BAND ON-POLE INSTALLATION INSTRUCTIONS

1. Surrounding pole with SS band

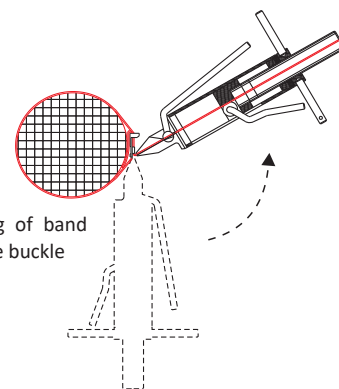


Pulling band through the SS buckle

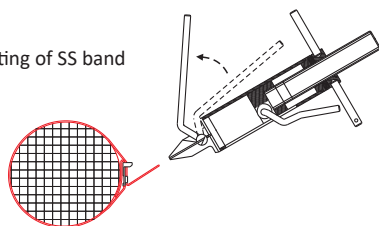
2. Band tightening



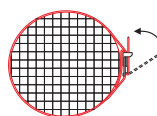
3. Banding of band around the buckle



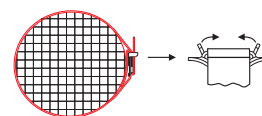
4. Cutting of SS band



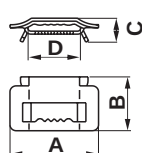
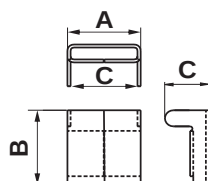
5. Bending of band over the buckle



6. Securing of buckle (folding of flaps)



SS BUCKLES FOR SS BAND



They are used for securing stainless steel strapping to poles. The A20 buckle features an "X" reinforcement that prevents it from opening under loads up to 700 daN. The buckles are manufactured from high-quality, non-magnetic stainless steel.

Code No.	Type	A mm	B mm	C mm	D mm	Packaging pcs	Weight kg/100 pcs
4710213	A13	32	22	10	16	100	1,0
4710219	A19	42	22	12	25	100	1,2
4710320	A20	23,3	25	14	21,2	150	0,8

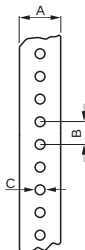
STAINLESS STEEL (SS) BAND IN PLASTIC CASE (WITH BUCKLES)

Code No.	A mm	Thickness mm	Stainless steel grade	Tensile breaking strength N	Roll weight in cassette kg/pcs	Packaging m
4710009	9	0,55	1,4571	4100	1,4	20
4710013	13	0,70	1,4571	7100	2,6	20
4710019	19	0,70	1,4571	10600	3,7	20

It is used for binding equipment to poles. At the customer's request, we can also supply strapping in other dimensions and lengths. The box also includes 20 pieces of buckles adapted to the width of the supplied strapping.

STAINLESS STEEL (SS) BAND

Code No.	A mm	Thickness mm	Stainless steel grade	Tensile breaking strength N	Roll weight in cassette kg/pcs	Packaging m
4710075	13	0,70	1,4571	7100	3,5	50
4710080	19	0,70	1,4571	10600	5,1	50

PERFORATED ZINC GALVANIZED BAND WITH ROUND HOLES

Code No.	A mm	B mm	C mm	Thickness mm	Tensile breaking strength N	Roll weight in cassette kg/pcs	Packaging m
4710120	20	12	6	1,0	4200	3,1	20
4710125	25	12	6	1,0	5400	3,5	20
4710183	35	12	8	2,0	7400	4,1	20

It is used for securing equipment to poles using an appropriate galvanized bolt with a nut and washer. At the customer's request, we can also supply strapping in other dimensions and lengths. The sharp edges of the strapping are rounded off in accordance with the DIN standard. The box also includes 20 pieces of bolts with nuts adapted to the supplied strapping.

PERFORATED ELIPTICAL ZINC GALVANIZED BAND 20m

Code No.	A mm	B mm	C mm	Thickness mm	Tensile breaking strength N	Roll weight in cassette kg/pcs	Packaging m
4710130	20	24,3	6,2	1,0	4000	2,7	20
4710131	20	24,3	8,2	1,0	3400	2,5 kg/kom	20

Flexible, lightweight, bendable, and universal. It is used for securing equipment to poles using an appropriate galvanized bolt with a nut and washer. It is highly suitable for suspending installation pipes for water, sewage, and heating. At the customer's request, we can also supply strapping in other dimensions and lengths. The sharp edges of the strapping are rounded off in accordance with the DIN standard. The box also includes 20 pieces of bolts with nuts adapted to the supplied strapping.

STAINLESS STEEL (SS) BAND

Code No.	A mm	Thickness (mm)	Material Stainless steel	Tensile breaking strength N	Length mm	Packaging pcs
4710063	13	0,70	1,4571	7100	2000	25
4710070	19	0,70	1,4571	10600	2000	25

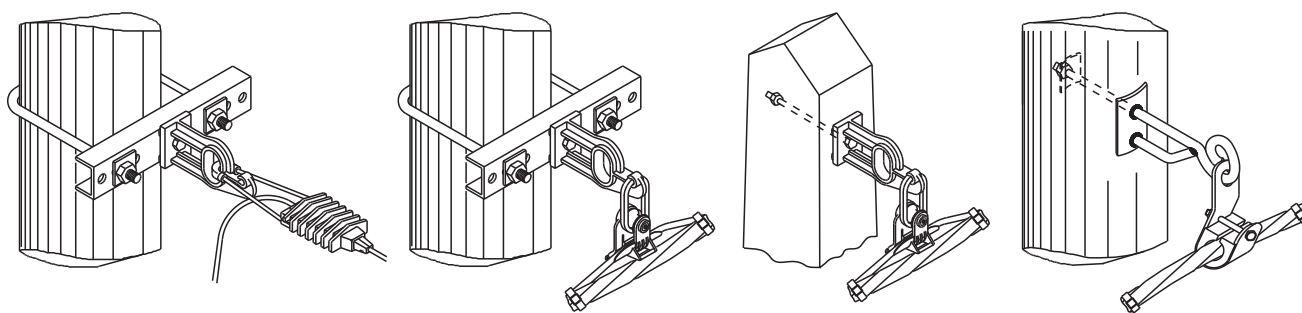
It is used for binding equipment to poles. At the customer's request, we can also supply strapping in other dimensions and lengths. It is manufactured in accordance with the EN

On all poles, a pole clamp for suspending the ABC is used to secure the AI universal brackets, although a general-purpose steel bracket can also be used.

EXAMPLE OF SUSPENSION AND ANGULAR SUPPORT AND CONTINUATION OF MAIN AERIAL BUNDLED CABLE LINE

On all poles, a pole clamp with twisted hooks is used to secure the AI universal brackets, although a general-purpose bracket can also be used.

EXAMPLES OF ACCEPTANCE OF MAIN AERIAL BUNDLED CABLE LINE



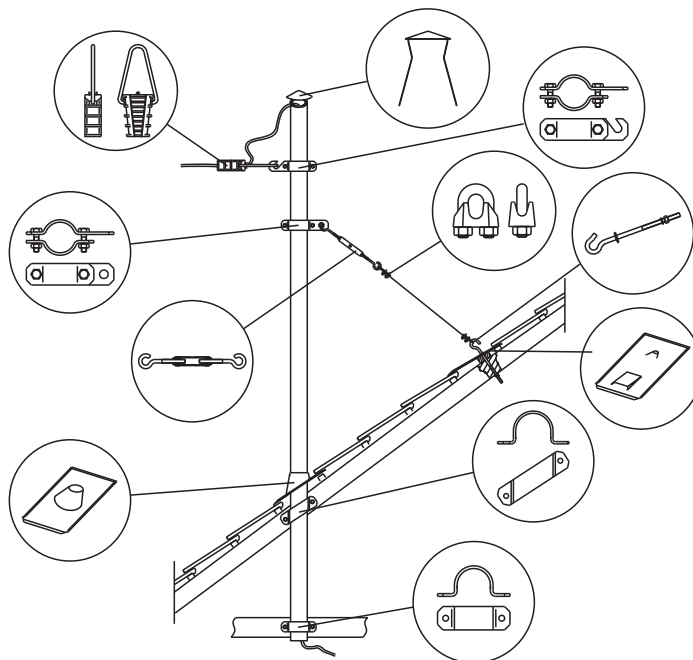
EXAMPLES OF ACCEPTANCE OF BRANCH AERIAL BUNDLED CABLE LINE



On the pole using:
 a) bracket with a clamp
 b) hook bolt and residential anchor clamp
 c) pole clamp with hooks and brackets

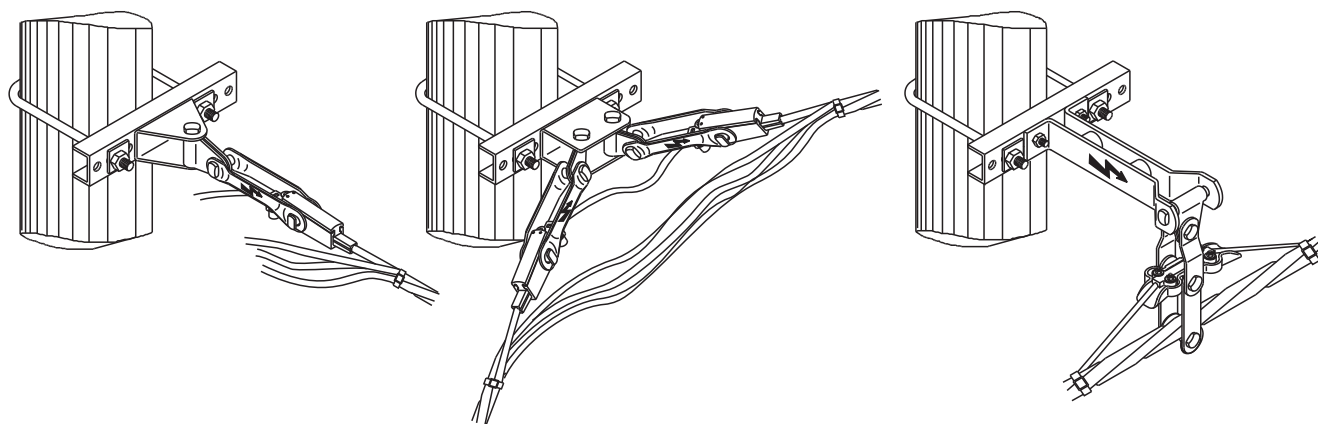
On the roof using a residential anchor clamp, a hook bolt, and a roof entry plate-tile for a residential connection.

EXAMPLE OF ACCEPTANCE OF RESIDENTIAL CONNECTION LINE ON A ROOF PIPE

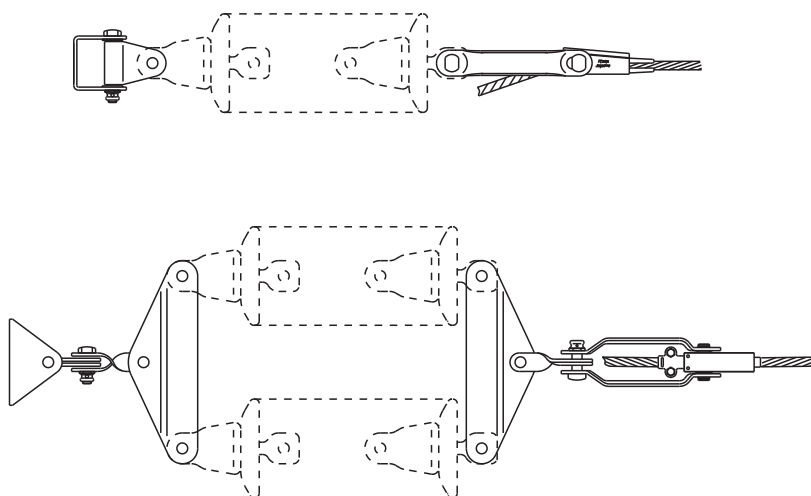


A residential connection can also be supported using a roof entry pipe support, as shown in the sketch. It is necessary to secure the roof entry pipe support to the roof structure using pipe clamps (flat and angled) and secure it by tensioning with a steel wire rope (hook bolt with a protective cap, turnbuckle, single clamp). To prevent water ingress, a roof entry plate-tile for the pipe support and a roof entry plate-tile for the anchor are used.

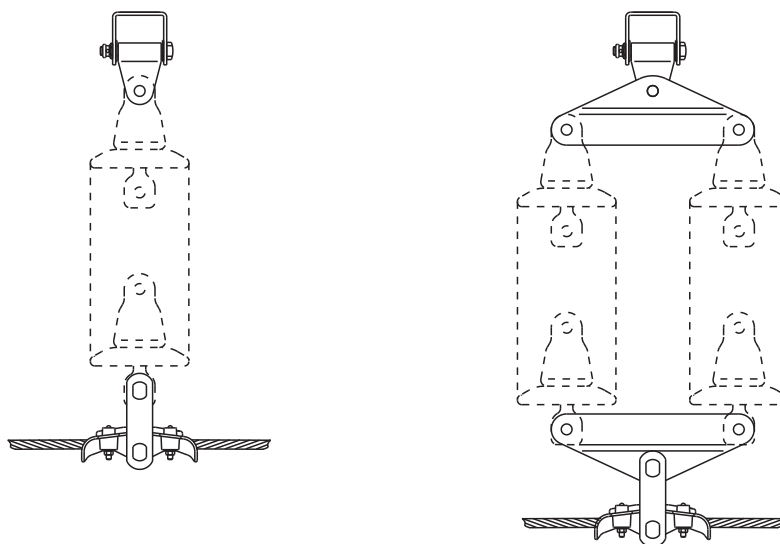
EXAMPLES OF ACCEPTANCE OF MV ABC 10-20 kV

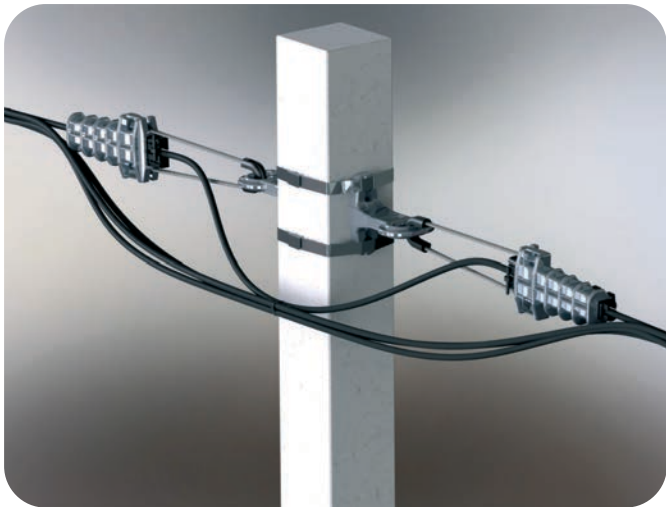
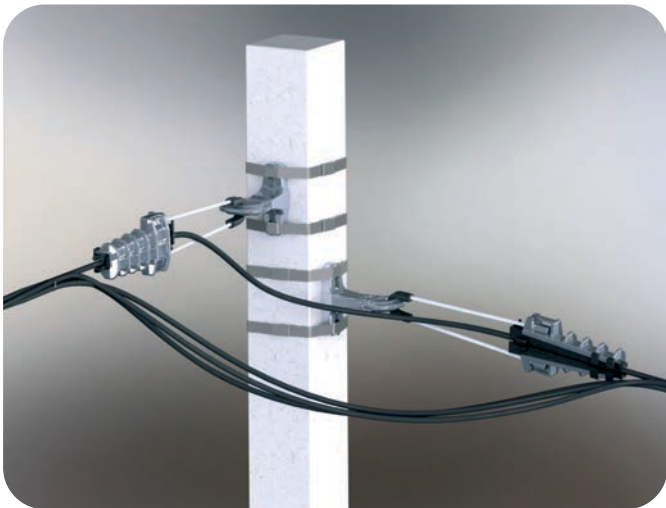


EQUIPMENT FOR ANCHORING INSULATING STRING FOR ACSR (Al - Fe) LINES

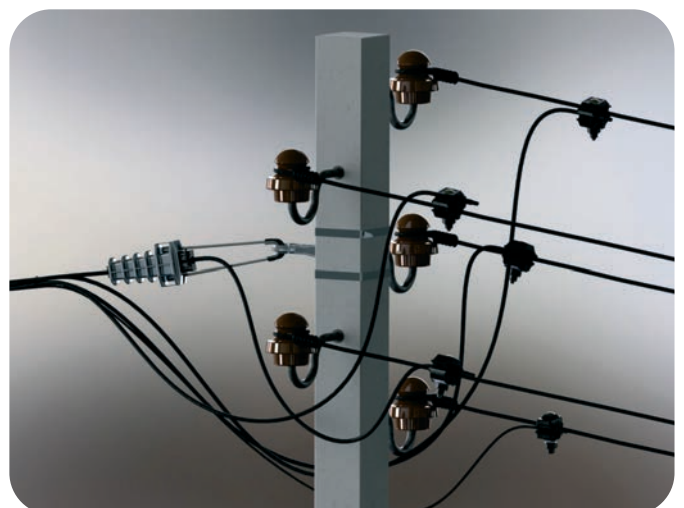
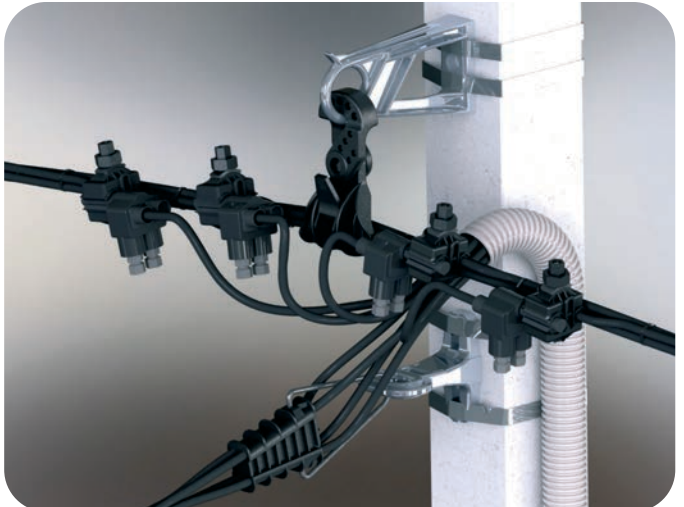
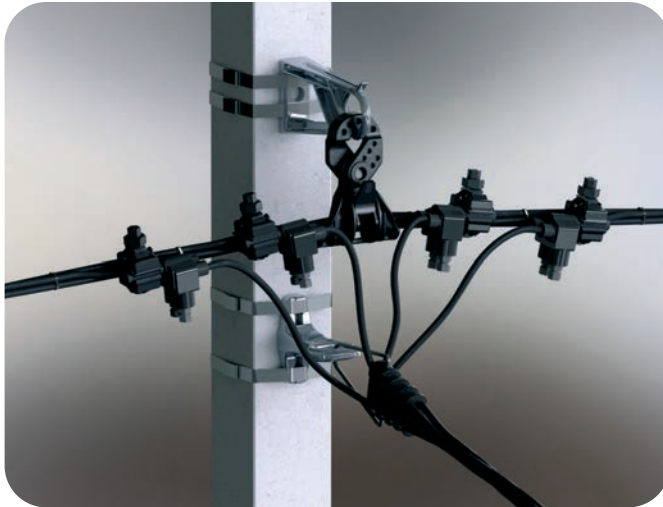
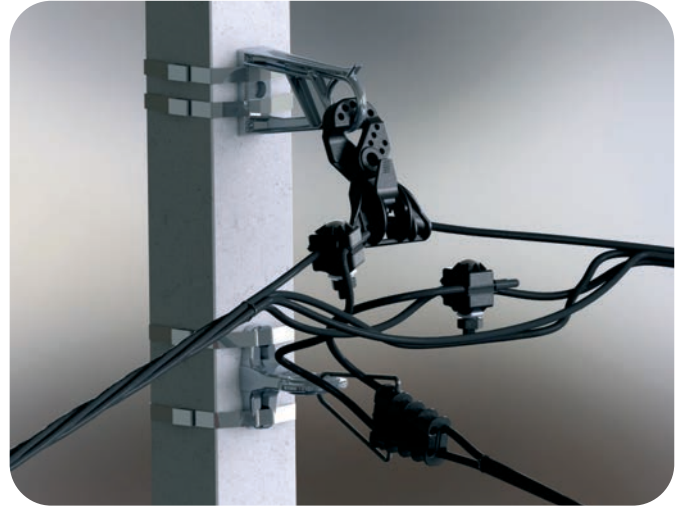
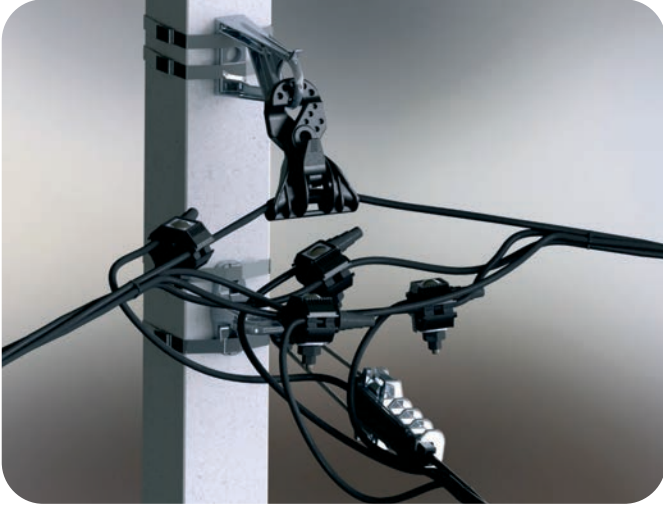


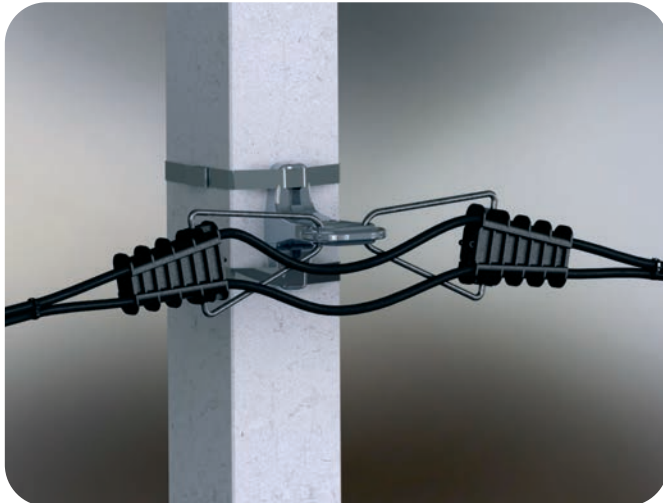
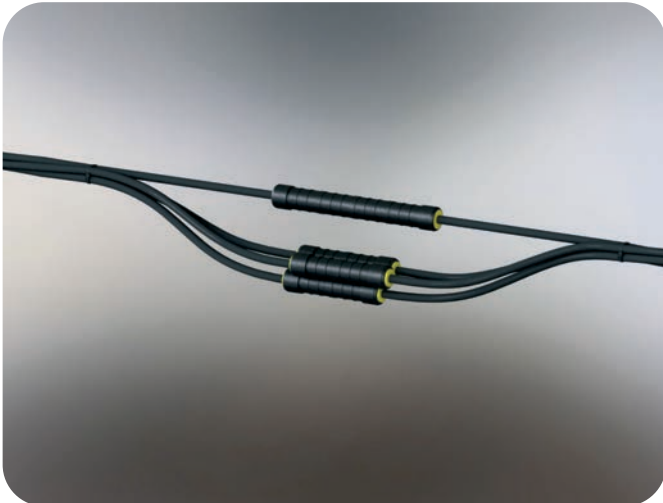
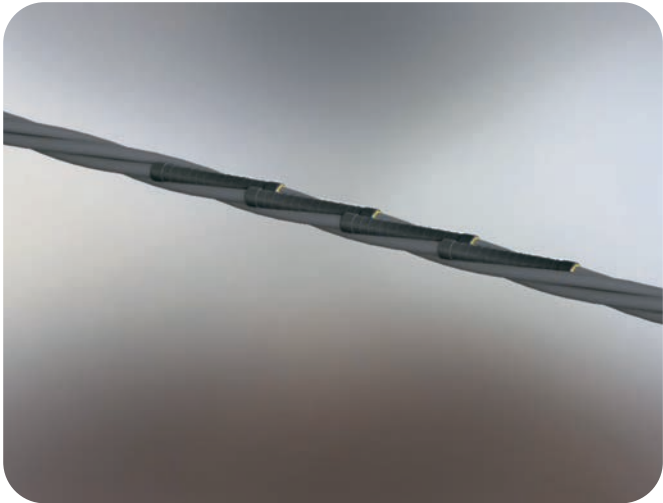
EQUIPMENT FOR SUSPENSION INSULATING STRING FOR ACSR (Al - Fe) LINES



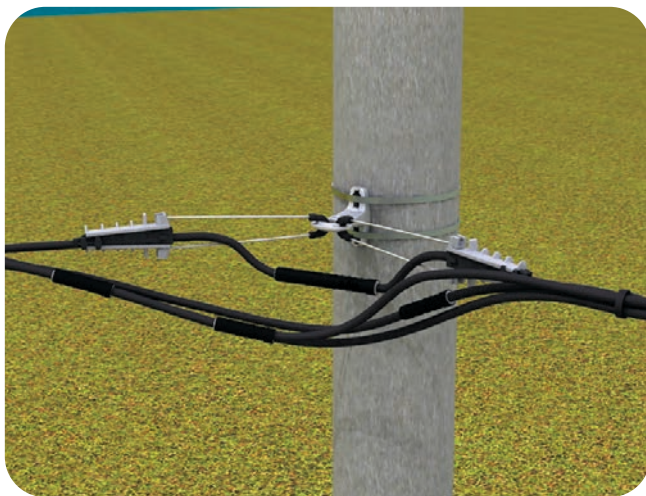
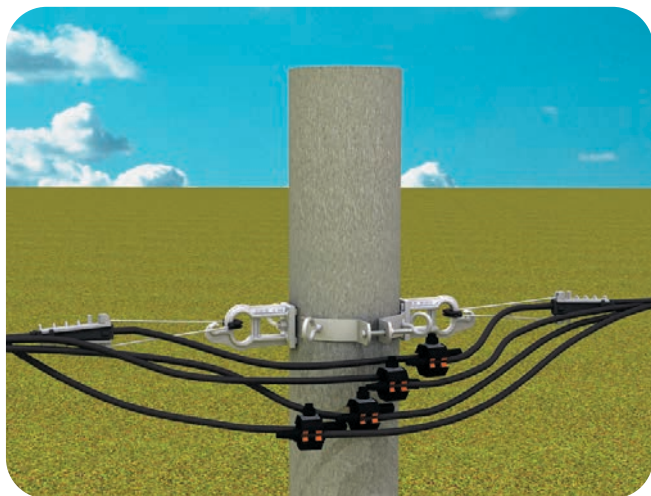


EXAMPLES OF LV ABC INSTALLATION





EXAMPLES OF LV ABC INSTALLATION



FemaN

3

SPECIALIZED ELECTRICAL INSTALLATION TOOLS



HAND CRIMPER FLY-03B

Used for hexagonal crimping of open non-insulated cable lugs (group 16) with cross-sections up to 0.75-6 mm². The crimper is automatic, meaning it releases only after the crimping is completed, ensuring a high-quality connection. We recommend this type of crimper for professional use.

Length: 235 mm
Weight: 0.53 kg/pc
Code No.: 1500003

HAND CRIMPER FLY-03C

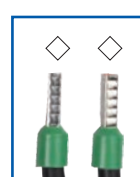
Used for hexagonal crimping of insulated cable lugs (groups 10, 12, 14, and 16) with cross-sections of 0.5-6 mm². The crimper is automatic, meaning it releases only after the crimping is completed, ensuring a high-quality connection. We recommend this type of crimper for professional use.

Length: 235 mm
Weight: 0.55 kg/pc
Code No.: 1500004

SQUARE SHAPE CRIMPER FRPH4 0,25-6

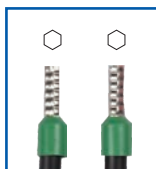
Used for square crimping of end sleeves with cross-sections from 0.25 to 6 mm².

Length: 180 mm
Weight: 0.38 kg
Code No.: 1500020

SQUARE SHAPE CRIMPER FRPH4 4-16

Used for square crimping of end sleeves with cross-sections from 4 to 16 mm².

Length: 180 mm
Weight: 0.38 kg
Code No.: 1500021

HEXAGONAL SHAPE CRIMPER FRPH6 0,25-6

Used for hexagonal crimping of end sleeves with cross-sections from 0.25 to 6 mm².

Length: 180 mm
Weight: 0.38 kg
Code No.: 1500022

HAND CRIMPER FKH-16

Used for crimping of non-insulated copper lugs (FPG and FCPCu) and sleeves with cross-sections of 2-16 mm².

Length: 275 mm
Weight: 0.47 kg/pc
Code No.: 1500016

HAND CRIMPER FYS-02BM

Used for crimping plugs 0.5-2.5 mm², indent crimping 1.5-6 mm², stripping and cutting of conductors 0.75-6 mm², and screw shortening. Stoppers for various types of lugs are delivered with the crimper.

Length: 250 mm
Weight: 0.37 kg/pc
Code No.: 1500205

CRIMPER AND SET OF TELEPHONE CONNECTORS (UTP) FHT-210A

Used for crimping of UTP connectors. The crimper also features the capability for cutting and stripping of conductors.

Length: 210 mm
Weight: 0.30 kg/pc
Code No.: 1500210

HAND CRIMPER FRC-102

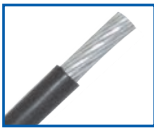
Used for universal crimping of insulated lugs 0.75-6 mm², stripping and cutting of conductors 0.75-6 mm², and for screw cutting.

Length: 200 mm
Weight: 0.2 kg/pc
Code No.: 1500102

CABLE CUTTER FLK-325 A

Used for cutting Al and Cu conductors without steel mechanical protection up to 185 mm².

Length: 265 mm
Weight: 0,63 kg/kom
Code No.: 1510325

CABLE CUTTER (BIGGER) FLK-60 A

Used for cutting of Al and Cu conductors up to 50 mm².

Length: 235 mm
Weight: 0.48 kg/pc
Code No.: 1510060

ELECTRONIC CABLE CUTTER FLY-109

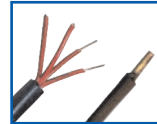
Used in telephony and electronics for shortening small cross-section conductors up to Ø1 mm.

Length: 125 mm
Weight: 0.05 kg/pc
Code No.: 1510109

CABLE CUTTER FOR STRANDED CONDUCTORS FLY-206

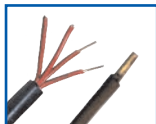
Used for cutting flexible small cross-section conductors up to Ø18 mm.

Length: 165 mm
Weight: 0.14 kg/pc
Code No.: 1510206

HOB WIRE STRIPPER FLY-5274

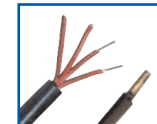
Used for stripping of conductors with cross-sections of 0.75-6 mm². The crimper also features an attachment for indent crimping.

Length: 215 mm
Weight: 0.27 kg/pc
Code No.: 1520527

CABLE SHEATH STRIPPER FLY-700 B

Used for stripping insulation from conductors with cross-sections of 0.75-4 mm².

Length: 175 mm
Weight: 0.36 kg/pc
Code No.: 1520710

UNIVERSAL STRIPPER FLY-700 D

Used for stripping of conductors 0.2-8 mm² with regulation of the stripped part length up to 25 mm. The stripper also features an attachment for cutting conductors.

Length: 175 mm
Weight: 0.20 kg/pc
Code No.: 1520700

UNIVERSAL KNIFE FOR STRIPPING CABLE SHEATH FLY-25-6



Used for removing the sheath from cables with diameters up to $\varnothing 28$ mm. The adjustment is made depending on the cable diameter using a screw located at the bottom part of the knife.

Length: 185 mm
Weight: 0.10 kg/pc
Code No.: 1520026

CABLE TIE GUN - FLY-600



Used for tightening cable ties up to 5 mm wide during wrapping and fixing of cables. The pliers also feature a clamping force adjustment capability, enabling the cutting off of excess cable tie once the set force is reached.

Length: 165 mm
Weight: 0.24 kg/pc
Code No.: 1550600

AUTOMATIC TENSIONING PLIER FOR CABLE TIES FLY-600 L 13



Used for tightening cable ties up to 13 mm wide during wrapping and fixing of cable bundles. The pliers also feature a clamping force adjustment capability, enabling the cutting off of excess cable tie once the set force is reached.

Length: 225 mm
Weight: 0.32 kg
Code No.: 1550613

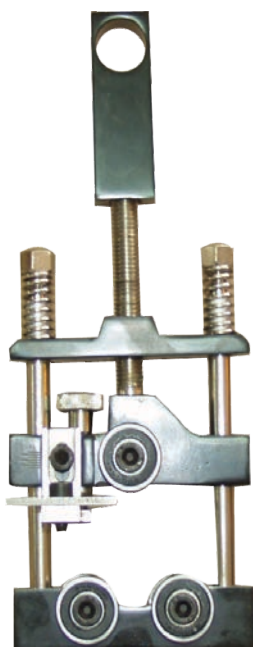
AUTOMATIC TENSIONING PLIER FOR CABLE TIES VEZICA FLY-600-9



Used for tightening double-locking cable ties up to 9 mm wide during wrapping and fixing of cable bundles. The pliers also feature a capability for cutting off excess cable tie once the set force is reached.

Length: 225 mm
Weight: 0.32 kg
Code No.: 1550609

CABLE INSULATION AND SEMICONDUCTIVE SHEATH STRIPPER FNSP-40

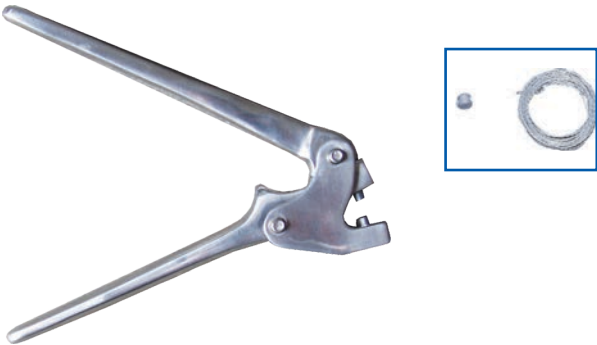


Used for stripping the semi-conductive layer at cable ends from $\varnothing 20$ to $\varnothing 40$ mm. An Allen key is supplied in the kit for adjusting the cutting depth.

Note: The blade is not intended for cutting the mechanical protection of cables.

Length: 250 mm
Weight: 0.80 kg
Code No.: 1850340

UNIVERSAL SEALING PLIERS



Used for protection (sealing) of metering groups, as well as in all other places where it is necessary to protect devices from unauthorized opening.

Length: 175 mm
Weight: 0.46 kg/pc
Code No.: 1500300

Code No.	Die type
1500302	Blank insert for sealing pliers
1500305	Engraved insert for sealing
1500306	Engraved inserts for sealing

MANUAL CABLE CUTTER FOR Al-Cu CONDUCTORS FM-250 C



Used for cutting aluminum conductors up to 240 mm² and copper conductors up to 185 mm². Cutting of ACSR (aluminum-conductor steel-reinforced) cables is not permitted as it would lead to permanent damage to the blades.

Length: 540 mm
Weight: 1.43 kg
Code No.: 1800250

MANUAL CABLE CUTTER FOR Al-Fe (ACSR) CONDUCTORS FM-154



Code No.	Designation	Cable for ACSR Ø	Cable for Fe Ø	Cable Ø	Cable mm ²	Length mm	Weight kg
1800154	FM-154	10	7	16	120	470	194
1800880	FRG-800	14	10	20	185	780	3,95

With these cutters, the blade is designed for cutting ACSR (aluminum-conductor steel-reinforced) cables. The blade angle is such that during cutting, the cable wires are compressed and do not unravel. The end of the cable cut in this manner is easy to insert into a splicing sleeve.

MANUAL CUTTER FOR REINFORCING STEEL BARS FMA-800



These cutters are applied in construction and are intended for cutting reinforcing wire. They are made of high-quality steel with blades that can be rotated, which significantly extends the service life of the cutters. The cutters are designed for cutting soft wire up to a diameter of Ø10 mm, and hard wire up to a diameter of Ø8 mm.

Length: 900 mm
Weight: 5.3 kg
Code No.: 1800800

MANUAL CABLE CUTTER FOR Al AND Cu CONDUCTORS



The cutting angle of these cutters is adjusted for cutting aluminum and copper conductors. Cutting ACSR (aluminum-conductor steel-reinforced) cables is not recommended with these cutters, as it would lead to permanent damage to the blades.

Code No.	Designation	Ø conductor mm	Length mm	Weight kg
1800040	FM-40	28	700	3,20
1800450	FLK-450	25	470	1,75
1801325	FLK-325	40	1126	4,36

MANUAL CABLE CRIMPER FP-50 C



MANUAL CABLE PRESS FOR hexagonal crimping of cable lugs and connectors 6-50 mm² with rotating tools.

Length: 384 mm
Weight: 1.5 kg
Code No.: 1800052

MANUAL CABLE CRIMPER FP-120 C



MANUAL CABLE PRESS FOR hexagonal crimping of cable lugs and connectors 10-120 mm² with rotating tools.

Length: 650 mm
Weight: 4.1 kg
Code No.: 1800122

MANUAL MECHANICAL CABLE CRIMPER FP-185



The press is universal thanks to its design. It accepts dies for Cu and Al connecting accessories, notch joints, FID sleeves, and for shaping sector cables. The die head rotates 360 degrees, enabling easy handling in any position. The telescopic handles extend from 600-860 mm. Practical for work in trenches, cabinets, on poles, and everywhere access is difficult.

Length: 590 mm
Weight: 2.5 kg
Code No.: 1801850

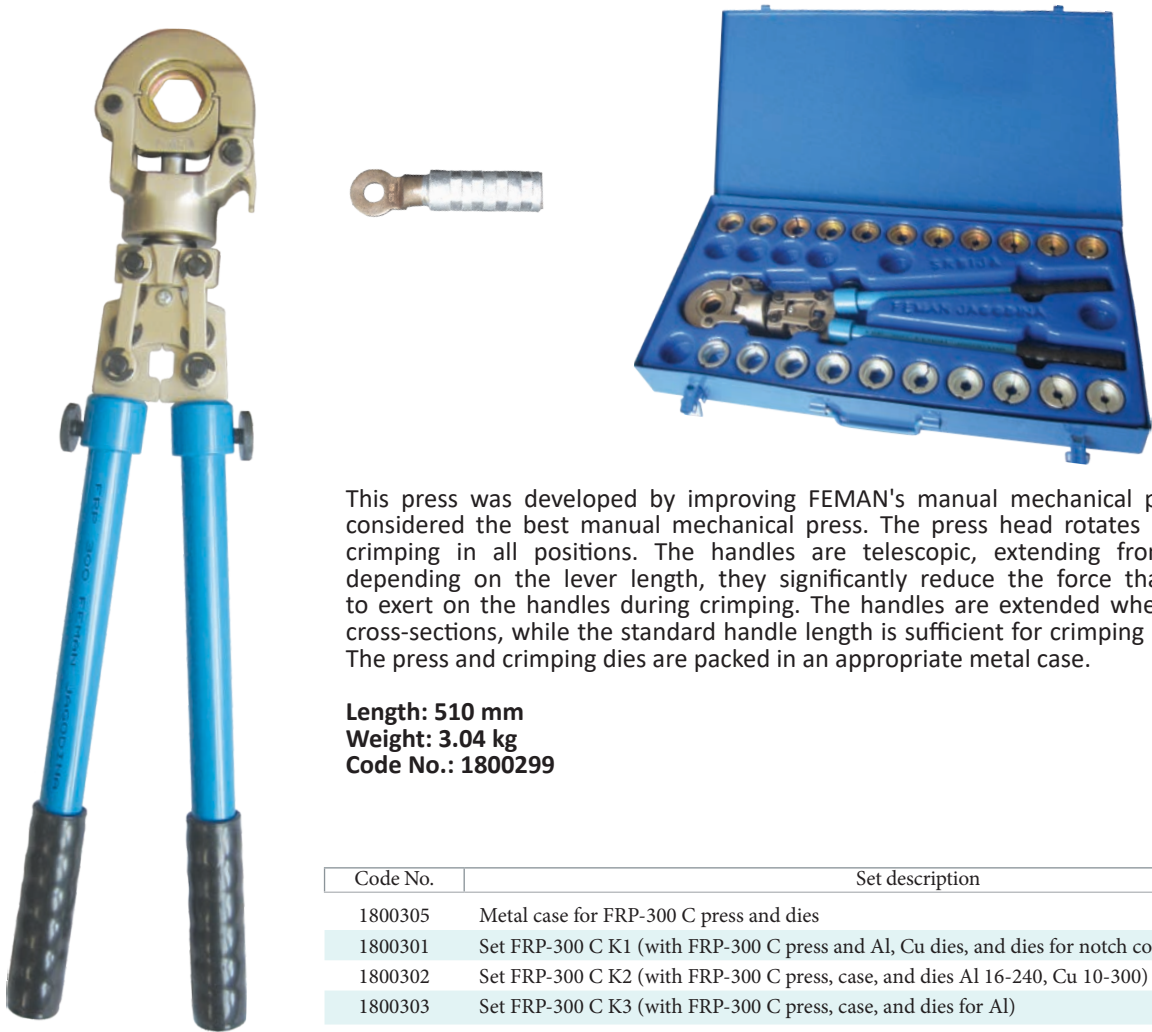
Code No.	Set description	Weight Kg
1801859	Case for FP-185 press and dies	4,90
1801851	Set FP-185 K1 (FP-185 press with Al, Cu dies, dies for notch connectors and a case)	9,65
1801852	Set FP-185 K2 (FP-185 press with Al, Cu dies and a case)	8,85
1801853	Dies for FP-185 press Cu set (10-185 mm ²)	0,80
1801854	Dies for FP-185 press Al set (16-185 mm ²)	0,65
1801855	Dies for FP-185 press for notch connectors set (25-95 mm ²)	0,80
1801856	Dies for FP-185 press sector cable shapers set	1,85
1801857	Set FP-185 K3 (FP-185 press with Al dies)	8,00
1801858	Set FP-185 K4 (FP-185 press with Cu dies)	8,10

DIES FOR CRIMPER FP-185

Conductor section mm ²	Code number of the die for Cu accessories	Code number of the die for Al accessories	Code number of the die for notch connectors	Code number of the die for sector cable shaping	Code number of the die for FID connectors
10	1801860	-	-	-	1801886 (E140)
16	1801861	1801870	-	-	1801886 (E140)
25	1801862	1801871	1801880	-	1801886 (E140)
35	1801863	1801872	1801881	1801891	1801886 (E140)
50	1801864	1801873	1801882	1801892	1801888 (E173)
70	1801865	1801874	1801883	1801893	1801888 (E173)
95	1801866	1801876	1801884	1801894	1801888 (E173)
120	1801867	1801877	-	1801895	-
150	1801868	1801878	-	1801896	-
185	1801869	1801879	-	1801897	-
240	-	-	-	1801898	-



MANUAL MECHANICAL CRIMPER FRP-300 C



This press was developed by improving FEMAN's manual mechanical presses, so today it is considered the best manual mechanical press. The press head rotates 360 degrees, allowing crimping in all positions. The handles are telescopic, extending from 600-800 mm, and depending on the lever length, they significantly reduce the force that the lineman needs to exert on the handles during crimping. The handles are extended when working with larger cross-sections, while the standard handle length is sufficient for crimping smaller cross-sections. The press and crimping dies are packed in an appropriate metal case.

Length: 510 mm
Weight: 3.04 kg
Code No.: 1800299

Code No.	Set description
1800305	Metal case for FRP-300 C press and dies
1800301	Set FRP-300 C K1 (with FRP-300 C press and Al, Cu dies, and dies for notch connectors)
1800302	Set FRP-300 C K2 (with FRP-300 C press, case, and dies Al 16-240, Cu 10-300)
1800303	Set FRP-300 C K3 (with FRP-300 C press, case, and dies for Al)
1800304	Set FRP-300 C K4 (with FRP-300 C press, case, and dies for Cu)

DIES FOR CRIMPER FRP-300

Conductor section mm ²	Code number of the die for Cu accessories	Code number of the die for Al accessories	Code number of the die for notch connectors	Code number of the die for sector cable shaping	Code number of the die for FID connectors
10	1800310	-	-	1801901	1800325 (E140)
16	1800311	1800341	1800361	1801902	1800325 (E140)
25	1800312	1800342	1800362	1801903	1800325 (E140)
35	1800313	1800343	1800363	1801904	1800325 (E140)
50	1800314	1800344	1800364	1801905	1800327 (E173)
70	1800315	1800345	1800365	1801906	1800327 (E173)
95	1800316	1800346	1800366	1801907	1800327 (E173)
120	1800317	1800347	-	1801908	1800329 (E215)
150	1800318	1800348	-	1801909	1800329 (E215)
185	1800319	1800349	-	1801910	-
240	1800320	1800350	-	1801911	-
300	1800321	-	-	1801912	-



HYDRAULIC HEAD FOR PUNCHING SHEET METAL FAP-10



This hydraulic head is intended for punching sheet metal on control panels and consoles for cable glands, control instruments, lamps, switches, etc. The application of FAP-10 saves time, achieves high precision, quality, and aesthetic appearance. With the FAP-10 hydraulic head, sheet metal up to 2.5 mm thick can be punched. The FEMAN hydraulic pump FKPU-700D is used to power this hydraulic head, which, like the dies, is ordered separately. The tools listed in the table are produced as standard, while all other dimensions and shapes can be made at the customer's request.

Weight: 3.39 kg
Code number: 1850102

Code No.	Set description	Weight kg
1850100	Hydraulic tool for punching sheet metal - set (hydraulic head, case with tool set and pump)	21,01
1850101	Hydraulic tool for punching sheet metal (hydraulic head, case with tools Pg9-Pg48)	10,81
1850105	Case for sheet metal punching tools	1,31

TOOL FOR PUNCHING SHEET METAL FAP 10

The tool is intended for punching sheet metal on control panels and consoles for cable glands, control instruments, lamps, switches, etc. The application of FAP-10 saves time, achieves high precision, quality, and aesthetic appearance. With the FAP-10 tool, sheet metal up to 2.5 mm thick can be punched. The tools listed in the table are produced as standard, while all other dimensions and shapes can be made at the customer's request.

Code No.	Designation	Punch hole diameter	Pre-drilling	Wrench	Weight kg/pc
1800011	Pg-11	18,8	11	17	0,12
1800013	Pg-13,5	20,6	11	17	0,13
1800016	Pg-16	22,7	11	17	0,15
1800021	Pg-21	28,5	15	22	0,23
1800029	Pg-29	37,2	15	22	0,40
1800036	Pg-36	47,2	15	22	0,60

MANUAL HYDRAULIC CRIMPER FTP - 300



It is intended for indent crimping of Al and Cu connecting accessories. It operates in any position. It uses interchangeable dies for cross-sections from 16 to 300 mm². It achieves a pressure of 20 t.

Press length: 700 mm
Press weight: 5.5 kg
FTP-300 press code number: 1870312



Case code number: 1870315

DIES FOR CRIMPER FTP-300

Code No.	For crimping Cu terminals mm ²	For crimping Al terminals mm ²
1870320	6-35	10-16
1870330	50-70	25-50
1870340	95-185	70-120
1870350	240-300	150-240

MANUAL HYDRAULIC CRIMPER FRHP-300



The press is universal thanks to its design. It accepts dies for Cu and Al connecting accessories, notch joints, FID sleeves, and for shaping sector cables. The die head rotates 360 degrees, enabling easy handling in any position. The telescopic handles extend from 600-860 mm. Practical for work in trenches, cabinets, on poles, and everywhere access is difficult.

Length: 480 mm
Weight: 3.3 kg
Code No.: 1870231

SETS WITH CRIMPER FRHP-300 AND DIES

Code No.	Set description
1870296	Metal case for FRHP-300 press and dies
1870292	Set FRHP-300 K1 (with FRHP-300 press, case, and dies: Al, Cu, and for notch connectors)
1870293	Set FRHP-300 K2 (with FRHP-300 press, case, and dies: Al 16-240, Cu 10-300)
1870294	Set FRHP-300 K3 (with FRHP-300 press, case, and dies for Al)
1870295	Set FRHP-300 K4 (with FRHP-300 press, case, and dies for Cu)

DIES FOR CRIMPER FRHP-300

Conductor section mm ²	Code number of the die for Cu accessories	Code number of the die for Al accessories	Code number of the die for notch connectors	Code number of the die for sector cable shaping	Code number of the die for FID connectors
10	1800310	-	-	-	1800325 (E140)
16	1800311	1800341	1800361	-	1800325 (E140)
25	1800312	1800342	1800362	-	1800325 (E140)
35	1800313	1800343	1800363	1801901	1800325 (E140)
50	1800314	1800344	1800364	1801902	1800327 (E173)
70	1800315	1800345	1800365	1801903	1800327 (E173)
95	1800316	1800346	1800366	1801904	1800327 (E173)
120	1800317	1800347	-	1801905	1800329 (E215)
150	1800318	1800348	-	1801906	1800329 (E215)
185	1800319	1800349	-	1801907	-
240	1800320	1800350	-	1801908	-
300	1800321	-	-	-	-



MANUAL HYDRAULIC CABLE CUTTER



Compact cutters with a built-in high-pressure hydraulic pump are intended for cutting Al and Cu cables. The head rotates 360 degrees, enabling easy handling in any position.

Code No.	Designation	Cutting Ø for Al and Cu	Cutting Ø for phone cables	Length mm	Head weight kg/pc	Case weight kg/pc
1870390	FRHM-40	32	40	570	5	3,25
1870395	FRHM-52	45	50	615	7	3,5

HYDRAULIC CUTTER FHMC

They are used for cutting reinforcing bars (rebar), rods, and ACSR (Al-Fe) conductors from Ø4 to Ø22. For operation, they utilize a hydraulic or electric pump.

Code No.	Designation	Diameter	Length mm	Weight kg/pc
1883016	FHMC-16	Ø 4-16	240	2,10
1883022	FHMC-22	Ø 4-22	300	3,50



HYDRAULIC CABLE CUTTER



It is intended for cutting telephone, Al, and Cu cables. For the operation of the hydraulic cutters, a hydraulic or electric pump is used.

Code No.	Designation	Phone Al-Cu cable mm	Length mm	Case weight kg/pc
1870397	FHM-85B	Ø 85 / Ø 50	465	8,20
1870398	FHM-100B	Ø 100 / Ø 75	515	8,70

NUT SPLITTER FYP



They are used for cutting nuts. The cutting force is 16 t. The cutting width is 20 mm. For operation, they utilize a hydraulic or electric pump.

Code No.	Designation	Nut dimension	Weight kg/pc
1883116	FYP - 24	M12 - M16	1,60
1883127	FYP - 41	M22 - M27	4,50

HYDRAULIC CRIMPING HEAD FS-240



Crimping of joints is performed using the FS-240 type hydraulic crimping head. This head is used for crimping connections of all types of conductors with cross-sections up to 240 mm². The crimping set with this head can develop a force of 20 tons. The press head contains a receiving piston assembly, a piston, and a yoke. It is designed to also accept dies used with the "SIMEL" press. For the operation of this hydraulic head, a hydraulic or electric pump is used, which are ordered separately.

Length: 220 mm
Weight: 3.08 kg/pc
Code No.: 1880000

SETS WITH HYDRAULIC CRIMPING HEAD FS-240 AND DIES

Code No.	Set description	Weight kg
1880005	Set with hydraulic crimping head FS-240, case, and STANDARD dies (Al 50-240 and Cu 50-240 mm ²)	12,8
1880010	STANDARD die set (Al 50-240 mm ² and Cu 50-240) for hydraulic crimping head FS-240	6,10

DIES FOR HYDRAULIC HEAD FS-240

Conductor section mm ²	Code number of the die for Al accessories	Code number of the die for Cu accessories	Code number of the die for Al sec- tor cable shaping	Code number of the die for Cu sector cable shaping
6	-	1882006	-	-
10	-	1882010	-	-
16	1881016	1882016	-	-
25	1881025	1882025	-	-
35	1881035	1882035	1882303	1882323
50	1881050	1882050	1882304	1882324
70	1881070	1882070	1882305	1882325
95	1881095	1882095	1882306	1882326
120	1881120	1882120	1882307	1882327
150	1881150	1882150	1882308	1882328
185	1881185	1882185	1882309	1882329
240	1881240	1882240	1882310	1882330

DIE HOLDER, DIES AND MANDRELS FOR HYDRAULIC CRIMPING HEAD FS-240

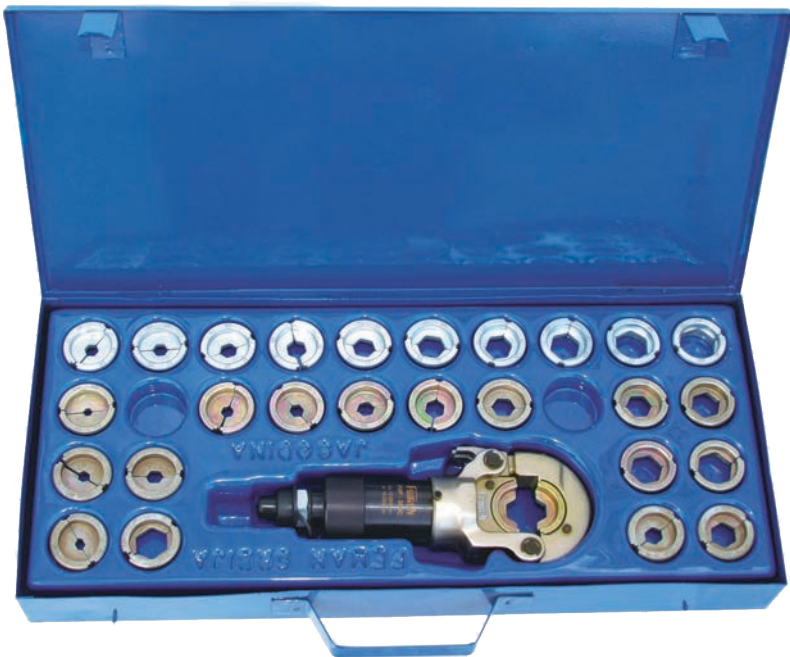
Code No.	Designation
1880020	Die holder according to "SIMEL" 150-240 mm ²
1880025	Matrix according to "SIMEL" 150 mm ²
1880030	Mandrel according to "SIMEL" 150 mm ²
1880035	Matrix according to "SIMEL" 240 mm ²
1880040	Mandrel according to "SIMEL" 240 mm ²

HYDRAULIC CRIMPER FHP-300 C



It is used for crimping Cu conductors with cross-sections of 10-300 mm² and Al conductors of 16-240 mm². The head rotates 360 degrees, enabling operation in all positions. For the operation of this hydraulic press, an electric or hydraulic pump is used, which are ordered separately.

Length: 213 mm
Weight: 2.41 kg
Code No.: 1870299



Code No.	Set description
1870305	Sheet metal case for FRP-300 press and dies
1870301	Set FRP-300 K1 (with FRP-300 press, case, and dies: Al, Cu, and for notch connectors)
1870302	Set FRP-300 K2 (with FRP-300 press, case, and dies: Al 16-240, Cu 10-300)
1870303	Set FRP-300 K3 (with FRP-300 press, case, and dies for Al (70-240))
1870304	Set FRP-300 K4 (with FRP-300 press, case, and dies for Cu)

DIES FOR HYDRAULIC HEAD FHP-300

Conductor section mm ²	Code number of the die for Cu accessories	Code number of the die for Al accessories	Code number of the die for notch connectors	Code number of the die for sector cable shaping	Code number of the die for FID connectors
10	1800310	-	-	1801901	1800325 (E140)
16	1800311	1800341	1800361	1801902	1800325 (E140)
25	1800312	1800342	1800362	1801903	1800325 (E140)
35	1800313	1800343	1800363	1801904	1800325 (E140)
50	1800314	1800344	1800364	1801905	1800327 (E173)
70	1800315	1800345	1800365	1801906	1800327 (E173)
95	1800316	1800346	1800366	1801907	1800327 (E173)
120	1800317	1800347	-	1801908	1800329 (E215)
150	1800318	1800348	-	1801909	1800329 (E215)
185	1800319	1800349	-	1801910	-
240	1800320	1800350	-	1801911	-
300	1800321	-	-	1801912	-



HYDRAULIC CRIMPING HEAD FCO-630



The hydraulic press is intended for hexagonal crimping of larger-dimension Al and Cu cable accessories from 50 to 630 mm². For the operation of this hydraulic press, the FEMAN hydraulic pump FKPU-700D is used, which is ordered separately. Interchangeable hexagonal crimping dies are made for Al and Cu from 50 to 630 mm². This hydraulic head with dies for 35, 50, and 70 mm² is used for crimping stainless steel sleeves when joining the support wire of medium-voltage aerial bundled cables.

Dimensions: 360×160 mm

Weight: 16 kg/pc

Code No.: 1850830



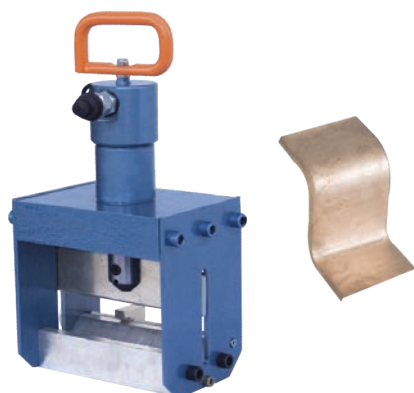
SETS WITH HYDRAULIC CRIMPING HEAD FCO-630

Code No.	Set description
1850632	Case for FCO-630 press and dies
1850634	Die set for FCO-630-STANDARD Al (300, 400, 500, 630) and Cu (300, 400, 500, and 630)

DIES FOR HYDRAULIC HEAD FCO-630

Conductor section mm ²	Code number of the die for Cu accessories	Code number of the die for Al accessories	Code number of the die for notch connectors
35	-	-	1850635
50	1852050	1851050	1850650
70	1852070	1851070	1850670
95	1852095	1851095	-
120	1852120	1851120	-
150	1852150	1851150	-
185	1852185	1851185	-
240	1852240	1851240	-
300	1852300	1851300	-
400	1852400	1851400	-
500	-	1851500	-
630	1852630	1851630	-

HYDRAULIC CRIMPER FPS-200



It is used for bending Al and Cu busbars at an angle up to 90°. Busbars with a maximum width of 200 mm and thickness up to 15 mm can be bent. It is highly suitable for field work. For the operation of this hydraulic head, the FEMAN hydraulic pump FHPU-800 is used, which is ordered separately.

Dimensions: 215×150×352 mm

Weight: 18 kg/pc

Code No.: 1870200

HYDRAULIC CRIMPER FF-400



This press was developed specifically for railway needs, but it can also be used for joining all types of conductors with cross-sections up to 240 mm² using hexagonal crimping. The press with this head design can develop a force of 30 t. The press consists of a high-pressure pump, a high-pressure hose (which connects the press body to the crimping unit), a hydraulic crimping head, and dies. The press dies inserted into the hydraulic crimping head are two-piece and are available in the following variants:

- Press die for riveting contact wire joints
- Die for separating contact wire joints
- Die for crimping contact wire and support wire connectors
- Die for separating the contact wire from the connector and support wire
- Dies for hexagonal crimping of jointing sleeves for extending support wires
- Die for cutting contact wires and support wires.

Dimensions: 820x200x140 mm

High-pressure hose length: 2 m

Set weight: 16.5 kg

Code No.: 1884400

HYDRAULIC CABLE CUTTERS FHM-50



It is intended for cutting Al and Cu cables with a maximum diameter of 50 mm. The hydraulic cutters are connected to a hydraulic or electric pump, which are ordered separately. An electric pump or a manual/foot hydraulic pump is used for operation.

Length: 340 mm

Weight: 6 kg

Code No.: 1870399

HYDRAULIC BUSBAR CUTTER FHAS-150



It is intended for cutting Al and Cu busbars with a maximum width of 150 mm and thickness of 10 mm. The application of FHAS 200 saves time and achieves high precision and cutting quality with a satisfactory aesthetic appearance. A hydraulic manual/foot pump or an electric pump is used for operation, which are ordered separately.

Height: 420 mm

Weight: 32.5 kg

Code No.: 1870195

HYDRAULIC PUNCHER FPB-20



The hydraulic press is intended for punching Al and Cu busbars up to 15 mm in thickness. The hole diameter range is 6–25 mm. The working pressure is 700 bar, and a hydraulic or electric pump is used for operation, which are ordered separately. When ordering, please specify the desired punch diameter.

Dimensions: 372x280 mm

Weight: 16 kg/pc

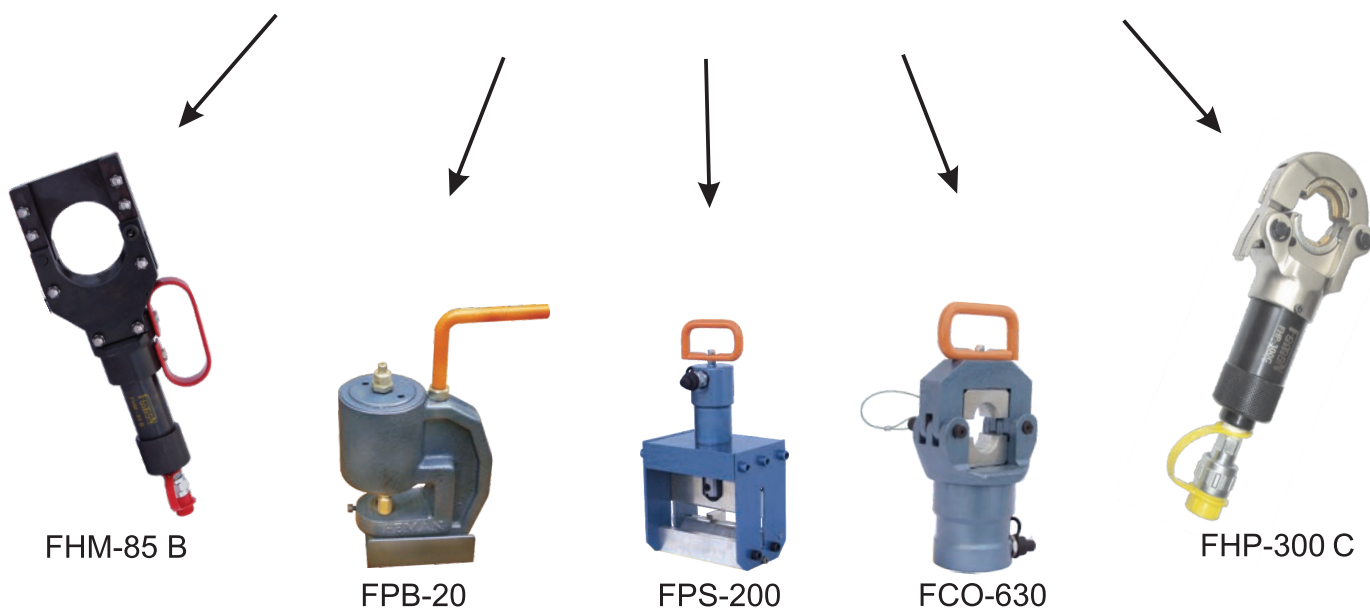
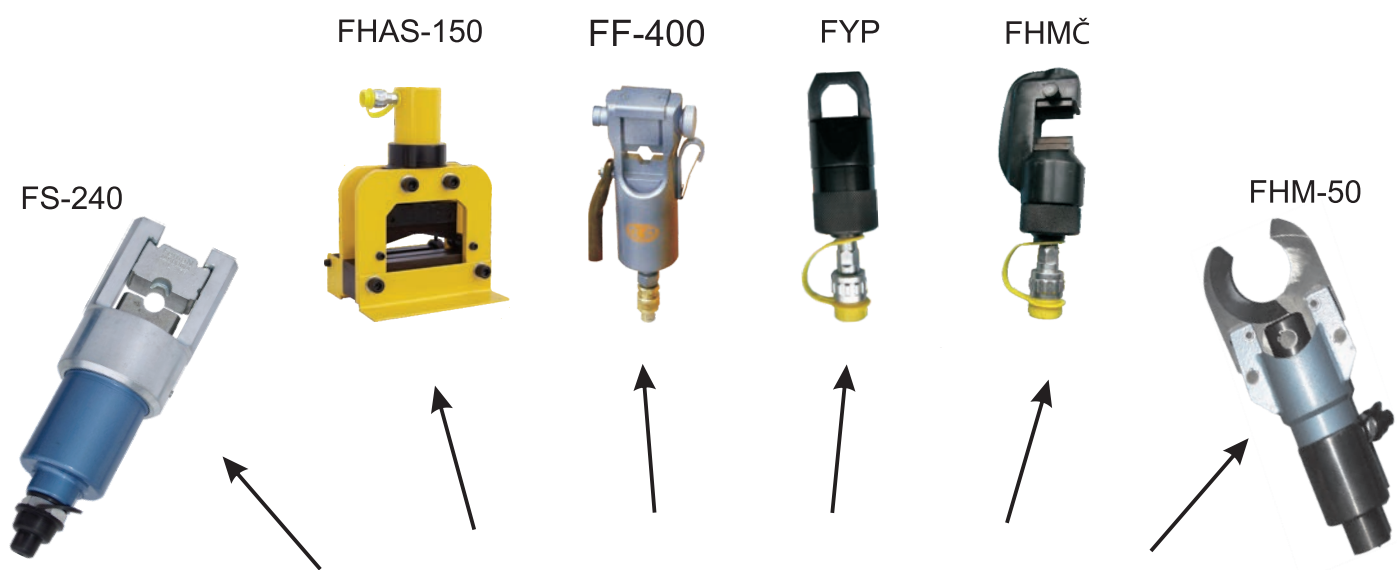
Code number for FPB-20: 1860200

Code number for FPB-20 K1 (FPB-20 with dies 6–25 mm): 1860202

TOOL FOR HYDRAULIC PUNCHER FPB-20

Code No.	Punch hole diameter (mm)
1860206	6
1860208	8
1860210	10,5
1860212	12
1860214	14
1860217	17,5
1860221	21
1860225	25

HIDRAULIČNA BUŠILICA FPB-20



MANUAL SCREW SHEET METAL PUNCH FRAP-60 (SET)



The tool is intended for punching sheet metal on control panels and desks for cable glands, control instruments, lamps, switches, etc. By using the FRAP-60 tool, sheet metal up to 2 mm in thickness can be cut. The FRAP-60 set contains: Round punches: $\varnothing 22$, $\varnothing 27.5$, $\varnothing 34.3$, $\varnothing 43$, $\varnothing 49$, $\varnothing 60.8$, a small shaft, a large shaft, a socket wrench, and a plastic case.

Weight: 4.80 kg
Code No.: 1800009



MANUAL SHEET METAL PUNCH FAP-10



Code No.	Designation	Punch hole diameter	Pre-drilling	Wrench	Weight kg/pc
1800011	Pg-11	18,8	11	17	0,12
1800013	Pg-13,5	20,6	11	17	0,13
1800016	Pg-16	22,7	11	17	0,15
1800021	Pg-21	28,5	15	22	0,23
1800029	Pg-29	37,2	15	22	0,40
1800036	Pg-36	47,2	15	22	0,60

The tool is intended for punching sheet metal on control panels and desks for cable glands, control instruments, lamps, switches, etc. The application of FAP-10 saves time and achieves high precision, quality, and aesthetic appearance. With the FAP-10 tool, sheet metal up to 2.5 mm in thickness can be cut. Using the manual operation, openings up to Pg 36 can be cut. The tools listed in the table are manufactured as standard production, while all other dimensions and shapes can be custom-made

MANUAL HYDRAULIC SHEET METAL PUNCH FRHPP-60



The manual hydraulic head with a built-in high-pressure hydraulic pump is intended for punching sheet metal on control panels and desks for cable glands, control instruments, lamps, switches, etc. With the FRHPP-60, sheet metal up to 2 mm in thickness can be cut. Its application saves time and achieves high precision, quality, and aesthetic appearance. It is delivered in a case with punches $\varnothing 22$, $\varnothing 27.5$, $\varnothing 34.3$, $\varnothing 43$, $\varnothing 49$, and $\varnothing 60.8$.

Press weight: 3.5 kg
Set Code No.: 1850070

HYDRAULIC SHEET METAL PUNCH FHPP-60



It is intended for punching sheet metal on control panels and desks for cable glands, control instruments, lamps, switches, etc. The application of FHPP-60 saves time and achieves high precision, quality, and aesthetic appearance. With the FHPP-60 hydraulic press, sheet metal up to 2 mm in thickness can be cut. The set contains:

- Hydraulic mini pump FHPP-180
- Manual hydraulic press for sheet metal punching FHPP-60
- Hydraulic press for sheet metal punching FHPP-60
- Sheet metal case
- Punches: $\varnothing 22$, $\varnothing 27.5$, $\varnothing 34.3$, $\varnothing 43$, $\varnothing 49$, and $\varnothing 60.8$ mm

Set weight: 16 kg
Code No.: 1850081

HYDRAULIC PUMP 700 bar FHPU-800

With the two-stage action system, the pump reaches a pressure of 200 bar very quickly. At that point, a piston is automatically activated to enable the second oil flow speed, where the operation is slower, but greater safety and ease of use are achieved. It consists of a hydraulic assembly, a reservoir, a handle, a high-pressure hose with a non-return valve, and a pressure release valve. All hydraulic tools manufactured by FEMAN can use this pump for operation.

Length: 520 mm
Weight: 10.80 kg
Code No.: 1853708

ELECTRIC PUMP 700 bar FEP-5

It is used to power all hydraulic tools manufactured by FEMAN. The connection with the tools is made by means of an automatic self-closing coupling, which ensures that no oil leaks from the hose after disconnecting the attachments from the tool. The application of this electric pump saves time. The operation is simple and easy.

Single-phase motor: 0.75 kW
Recommended maximum pressure: 630 bar
Capacity: 0.8–5 l/min
Height: 470 mm
Weight: 30 kg
Code No.: 1853715

BATTERY HYDRAULIC PUMP EHP-60

The most compact and economical hydraulic pump. It is used to power all hydraulic tools manufactured by FEMAN. The connection with the tools is made by means of a unique coupling, which ensures that no oil leaks from the hose after disconnecting the attachment from the tool. The operation is simple and easy.

Voltage: 14.4 V
Pressure: 700 bar
Weight: 6.60 kg
Code No.: 6604126

BATTERY CABLE CUTTERS FAM 45

This device is used for cutting Al/Cu cables up to $\varnothing 45$ mm. It features a universal 360-degree rotating head. The hydraulics operate in two speed modes. The motor has a quick-stop capability. The blade automatically returns to its initial position after cutting, and manual blade return is also possible if necessary. Electronic control and monitoring of performed operations are also available. It is equipped with a diode as a battery wear indicator. The 14.4 V, 3 Ah NiMH battery provides high performance with a cutting force of 60 kN. Up to 70 cuts can be performed on a single battery charge. It is delivered in a case with two batteries and a charger.

Weight: 5.8 kg
Code No.: 6604145

BATTERY CABLE CUTTER AND CRIMPER FAMP 42



This device is intended for cutting conductors, punching sheet metal, and crimping connecting elements up to 300 mm². It features a universal 360-degree rotating head. The hydraulics operate in two speed modes. The motor has a quick-stop capability. The blade/die automatically returns to its initial position after cutting/crimping, and manual blade/die return is also possible if necessary. Electronic control and monitoring of performed operations are also available. It is equipped with a diode as a battery wear indicator. The 14.4 V, 3 Ah NiMH battery provides high performance with an operating force of 60 kN.

It is delivered in a case with two batteries, a charger, a cutting adapter, and a crimping adapter, while additional optional equipment includes:

- Al dies 16–240
- Cu dies 10–300
- A pair of $\varnothing 40$ blades for Al/Cu conductors
- Sheet metal punches: $\varnothing 22$, $\varnothing 27.5$, $\varnothing 34.3$, $\varnothing 43$, $\varnothing 49$, and $\varnothing 60.8$

Weight: 5.1 kg
Code No.: 1884160



BATTERY CRIMPER FAP 300D-18



This press is used for the hexagonal crimping of cable connecting accessories up to 300 mm² with a stroke of 17 mm. Depending on the dies used, Al and Cu sleeves, lugs, and notch connectors can be crimped, and sector cables can be shaped.

It features a universal 360-degree rotating head. The hydraulics operate in two speed modes. The motor has a quick-stop capability. The blade/die automatically returns to its initial position after cutting/crimping, and manual blade/die return is also possible if necessary. Electronic control and monitoring of performed operations are also available. In case of low pressure or battery charge level, an acoustic signal sounds and a red light flashes. A temperature sensor automatically interrupts tool operation if the temperature exceeds 60°C. The high-performance battery is Lithium-ion with a voltage of 18 V and a capacity of 3 Ah, with a charging time of about 60 minutes. The maximum crimping force is 60 kN, and the number of crimps per single charge is approximately 300 times for a 150 mm² Cu cable.

It is delivered in a plastic case containing the press, two batteries, a charger, as well as Al dies 16–240 mm² and Cu dies 10–300 mm².

Tool weight: 3.12 kg (with battery)
Code No.: 1884166

BATTERY CRIMPER FAP 300V-18



It is intended for the hexagonal crimping of cable connecting accessories up to 300 mm². Depending on the dies used, Al and Cu sleeves, lugs, and notch connectors can be crimped, and sector cables can be shaped.

Characteristics:

- Universal 360-degree rotating head
- Two hydraulic speeds
- Quick-stop motor capability
- Automatic return of the die to its initial position after crimping
- Manual return of the die to its initial position if necessary
- Electronic control and load monitoring
- High-performance Lithium-ion battery
- LED light for working in dark environments
- Maximum crimping force: 60 kN
- Stroke: 17 mm
- Battery voltage: 18 V
- Capacity: 3 Ah
- Number of crimps per single charge: 300 times for a 150 mm² Cu cable
- Charging time: approx. 60 minutes

The plastic case contains:

- The press
- Two batteries
- A charger
- Al dies 16–240 mm²
- Cu dies 10–300 mm²
- Tool dimensions: 397 x 116 x 75 mm
- Tool weight: 3.12 kg (with battery)
- Code No.: 1884165

DIES FOR CRIMPER FAP-300

Conductor section mm ²	Code number of the die for Cu accessories	Code number of the die for Al accessories	Code number of the die for notch connectors	Code number of the die for sector cable shaping	Code number of the die for FID connectors
10	1800310	-	-	-	1800325 (E140)
16	1800311	1800341	1800361	-	1800325 (E140)
25	1800312	1800342	1800362	-	1800325 (E140)
35	1800313	1800343	1800363	1801901	1800325 (E140)
50	1800314	1800344	1800364	1801902	1800327 (E173)
70	1800315	1800345	1800365	1801903	1800327 (E173)
95	1800316	1800346	1800366	1801904	1800327 (E173)
120	1800317	1800347	-	1801905	1800329 (E215)
150	1800318	1800348	-	1801906	1800329 (E215)
185	1800319	1800349	-	1801907	-
240	1800320	1800350	-	1801908	-
300	1800321	-	-	-	-



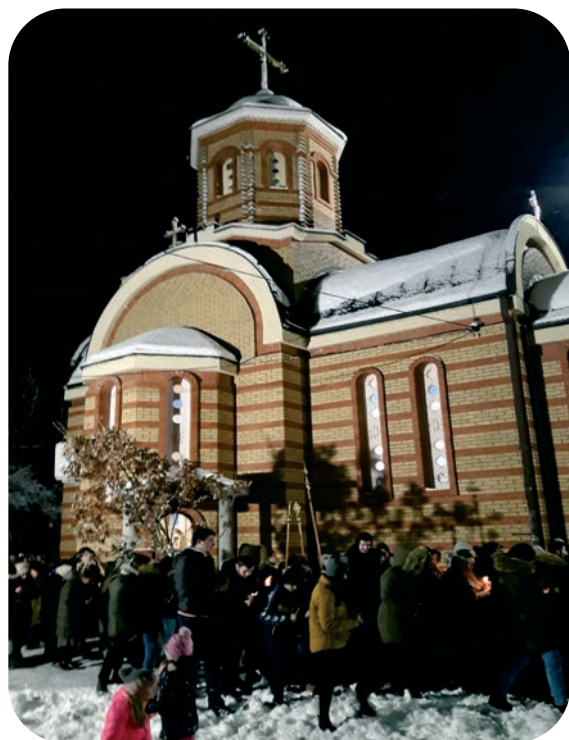
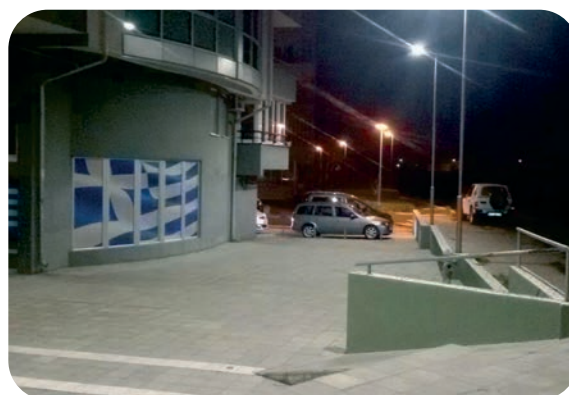
Feman

4

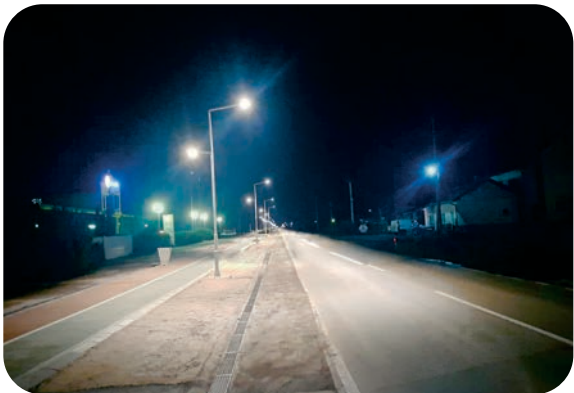
STREET AND INDUSTRIAL LIGHTING



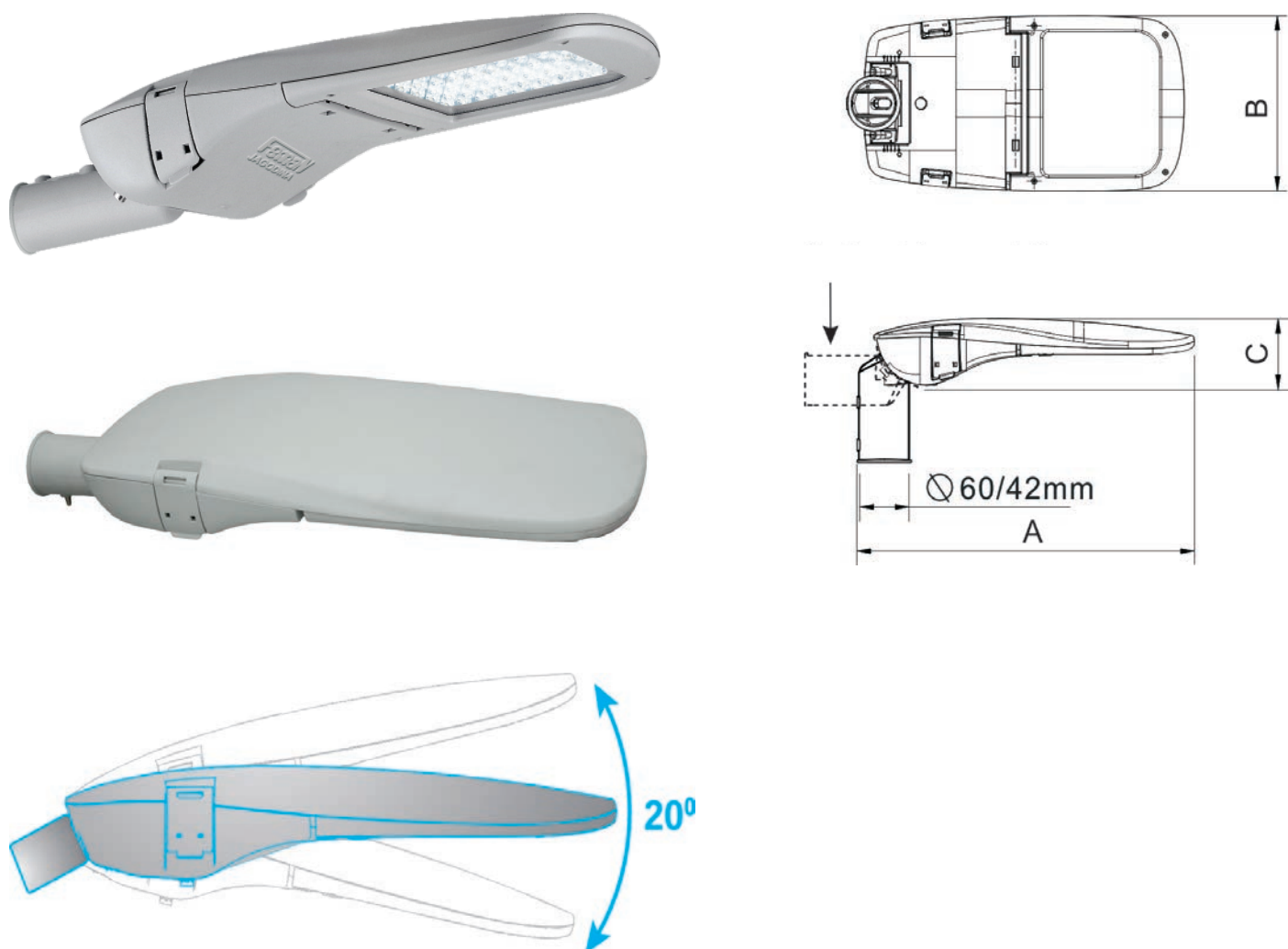
Pi



F



LED PERUN 1 (10-60W)



The luminaire housing is made of die-cast aluminum alloy. The protector is made of flat tempered glass. The optical part is made of polycarbonate resistant to high temperatures and UV rays. The luminaire bracket can be mounted at an angle of 90° for installation on a metal pole with an angle adjustment capability of $\pm 10^\circ$, and it can be mounted at an angle of 180° for installation on a bracket arm with an angle adjustment capability of $\pm 10^\circ$. The surface protection of the luminaire is finished with electrostatic painting in RAL 7035 color. The total output luminous flux is 120–145 lm/W. Color temperature: 3000, 4000, 6500 K.

The complete luminaire is manufactured with a protection rating of IP 66 (optional IP 67) according to EN 60598 and EN 60529 standards. The degree of mechanical protection in the basic version is IK 08 according to EN 62262 and EN 60068 standards.

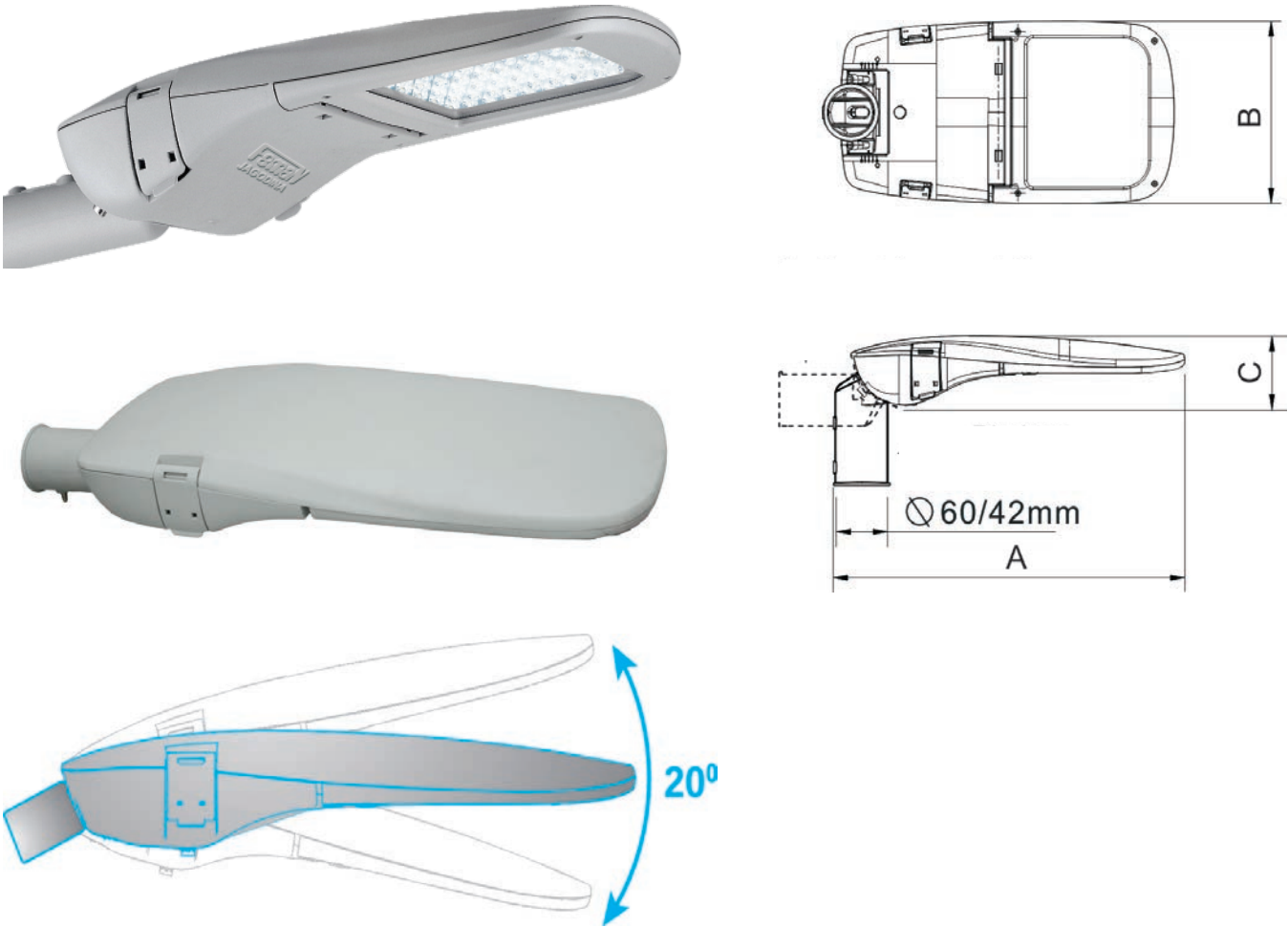
At the customer's request, we supply luminaires with 6–10 mm tempered glass featuring a mechanical protection rating of IK 09 / IK 10. The luminaire is certified according to EN 13032 and EN 60598 standards.

The operating temperature of the power supply is in the range from -40 to +70°C (ambient T_a) or the power supply housing from -40 to +80°C (T_c), with automatic shut-off in case of excessive temperature until the lighting is switched back on. The power supply of the luminaires, with an input voltage range of 100–300 VAC, features output current adjustment via a potentiometer. The luminaire functions ideally in rural areas where input voltage fluctuations are high. The luminaire features short-circuit, overcurrent, and overvoltage protection.

The declared expected lifespan of the power supply is 77,500 hours (at T_c - housing temperature of 73°C, while below $T_c < 70^\circ\text{C}$ it exceeds 88,000 hours), which equals about 20 years with the luminaire operating around 4,000 hours annually.

The declared durability of the LEDs is around 100,000 hours until the luminous flux drops to 80%.

Code No.	Luminaire	A mm	B mm	C mm	Weight kg	Mounting
3900530	LED PERUN 1 LED - max 30 W	470	245	90	4,5	Ø 48-60
3900550	LED PERUN 1 LED - max 50 W	470	245	90	4,5	Ø 48-60



Smart versions feature five-step dimming capability and virtual midnight detection. The luminaire housing is made of die-cast aluminum alloy. The protector is made of flat tempered glass. The optical part is made of polycarbonate resistant to high temperatures and UV rays. The luminaire bracket can be mounted at an angle of 90° for installation on a metal pole with an angle adjustment capability of $\pm 10^\circ$, and it can be mounted at an angle of 180° for installation on a bracket arm with an angle adjustment capability of $\pm 10^\circ$. The surface protection of the luminaire is finished with electrostatic painting in RAL 7035 color. The total output luminous flux is 120–145 lm/W. Color temperature: 3000, 4000, 6500 K.

The complete luminaire is manufactured with a protection rating of IP 66 (optional IP 67) according to EN 60598 and EN 60529 standards. The degree of mechanical protection in the basic version is IK 08 according to EN 62262 and EN 60068 standards.

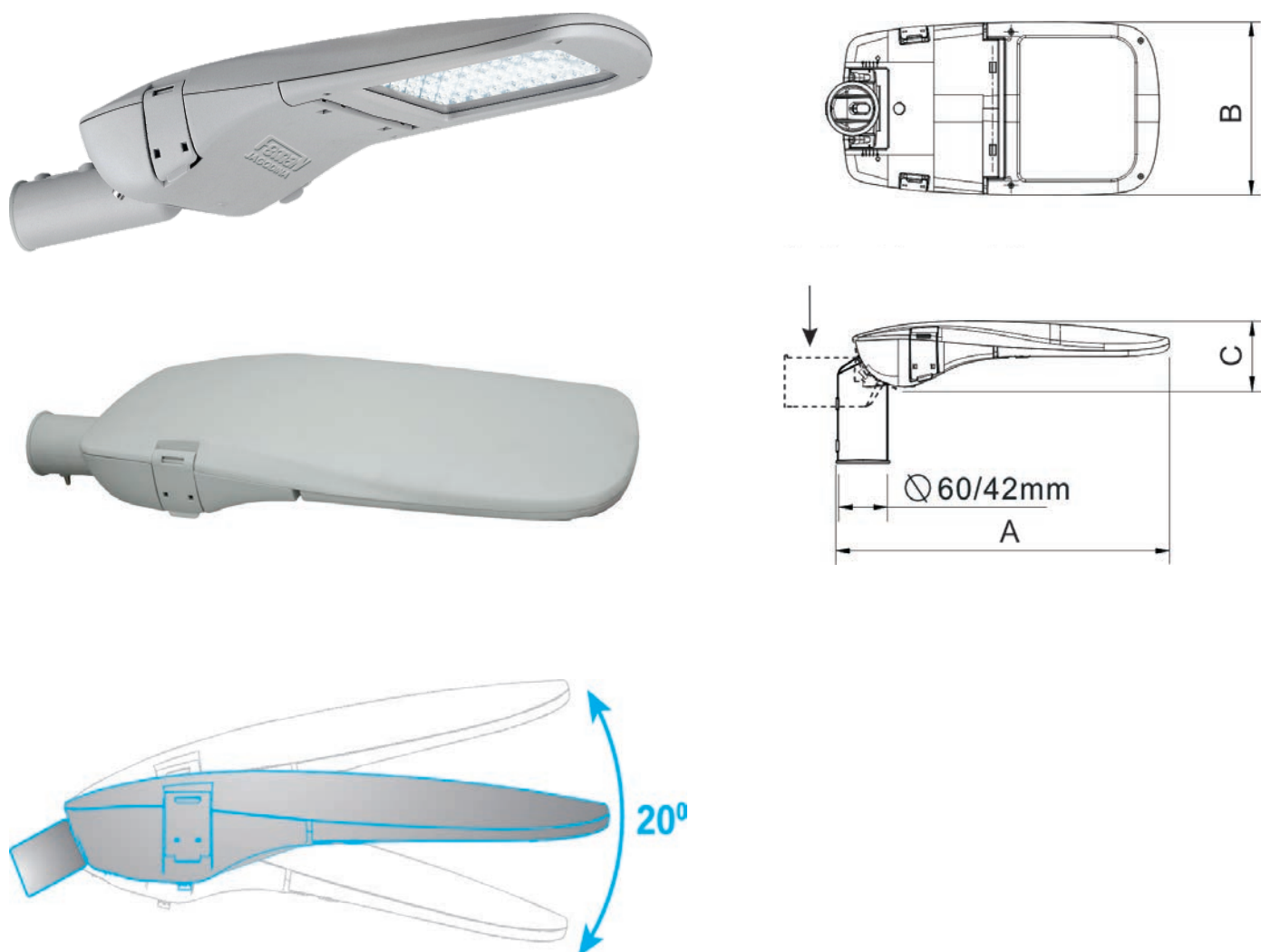
At the customer's request, we supply luminaires with 6–10 mm tempered glass featuring a mechanical protection rating of IK 09 / IK 10. The luminaire is certified according to EN 13032 and EN 60598 standards.

The operating temperature of the power supply is in the range from -40 to $+70^\circ\text{C}$ (ambient T_a) or the power supply housing from -40 to $+80^\circ\text{C}$ (T_c), with automatic shut-off in case of excessive temperature until the lighting is switched back on. The power supply of the luminaires, with an input voltage range of 100–300 VAC, features output current adjustment via a potentiometer. The luminaire functions ideally in rural areas where input voltage fluctuations are high. The luminaire features short-circuit, overcurrent, and overvoltage protection.

The declared expected lifespan of the power supply is 77,500 hours (at T_c - housing temperature of 73°C , while below $T_c < 70^\circ\text{C}$ it exceeds 88,000 hours), which equals about 20 years with the luminaire operating around 4,000 hours annually. The declared

Code No.	Luminaire	A mm	B mm	C mm	Weight kg	Mounting
3900555	PERUN 2 LED - smart max 50 W	610	315	130	7,3	Ø 48-60
3900575	PERUN 2 LED - smart max 70 W	610	315	130	7,3	Ø 48-60
3900597	PERUN 2 LED - smart max 120 W	610	315	130	7,3	Ø 48-60

LED PERUN 3 (80-250W)



Smart versions feature five-step dimming capability and virtual midnight detection. The luminaire housing is made of die-cast aluminum alloy. The protector is made of flat tempered glass. The optical part is made of polycarbonate resistant to high temperatures and UV rays. The luminaire bracket can be mounted at an angle of 90° for installation on a metal pole with an angle adjustment capability of $\pm 10^\circ$, and it can be mounted at an angle of 180° for installation on a bracket arm with an angle adjustment capability of $\pm 10^\circ$. The surface protection of the luminaire is finished with electrostatic painting in RAL 7035 color. The total output luminous flux is 120–145 lm/W. Color temperature: 3000, 4000, 6500 K.

The complete luminaire is manufactured with a protection rating of IP 66 (optional IP 67) according to EN 60598 and EN 60529 standards. The degree of mechanical protection in the basic version is IK 08 according to EN 62262 and EN 60068 standards. At the customer's request, we supply luminaires with 6–10 mm tempered glass featuring a mechanical protection rating of IK 09 / IK 10. The luminaire is certified according to EN 13032 and EN 60598 standards.

The operating temperature of the power supply is in the range from -40 to $+70^\circ\text{C}$ (ambient T_a) or the power supply housing from -40 to $+80^\circ\text{C}$ (T_c), with automatic shut-off in case of excessive temperature until the lighting is switched back on. The power supply of the luminaires, with an input voltage range of 100–300 VAC, features output current adjustment via a potentiometer. The luminaire functions ideally in rural areas where input voltage fluctuations are high. The luminaire features short-circuit, overcurrent, and overvoltage protection.

The declared expected lifespan of the power supply is 77,500 hours (at T_c - housing temperature of 73°C , while below $T_c < 70^\circ\text{C}$ it exceeds 88,000 hours), which equals about 20 years with the luminaire operating around 4,000 hours annually. The declared durability of the LEDs is around 100,000 hours until the luminous flux drops to 80%.

Code No.	Luminaire	A mm	B mm	C mm	Weight kg	Mounting
3900597/2	PERUN 3 LED -smart max 150 W	740	385	150	10,5	Ø 48-60
3900597/3	PERUN 3 LED -smart max 200 W	740	385	150	10,5	Ø 48-60



Photocell

Lamp will automatically turn on or off depending on the intensity of daylight.



Built in air valve

Air valve ensures air balance inside and outside of the lamp which improves lamp services



Power turn off protector

Auto switch cut power when opening light, more safety



Detachable connector base

Disassemble easily which reduces maintenance cost

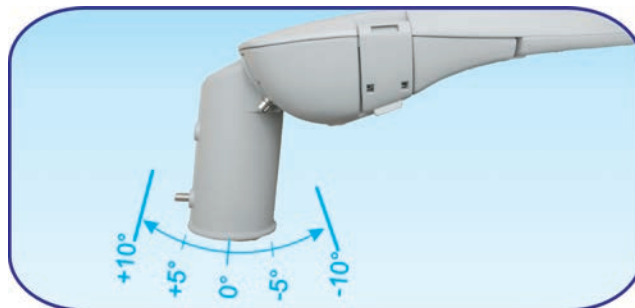
LED power supply

A variety of power drive is optional



OPTIONAL CONTROL VIA WIRELESS TECHNOLOGY AS WELL AS AN ASTRONOMICAL CLOCK

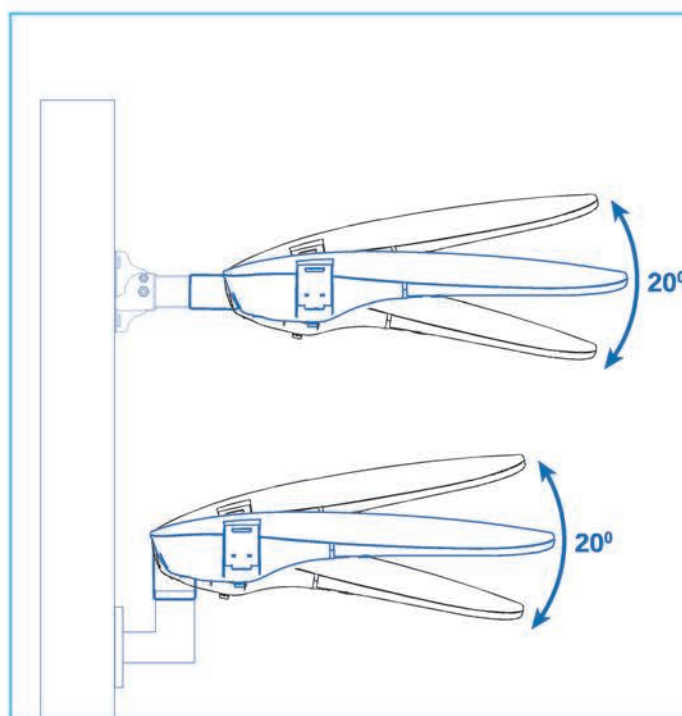
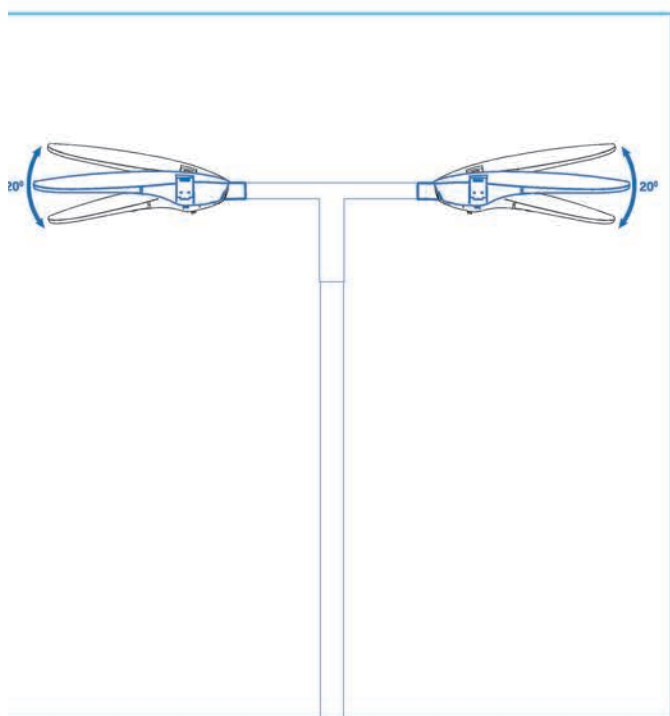
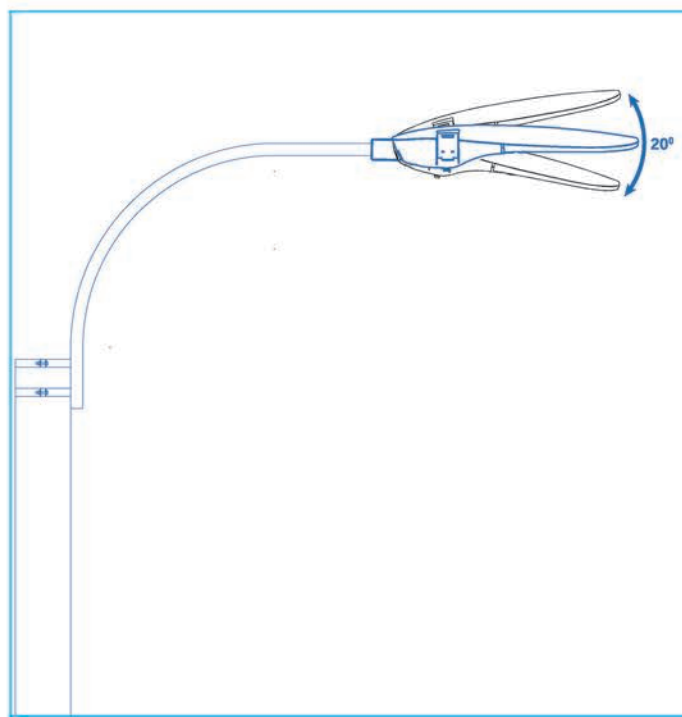
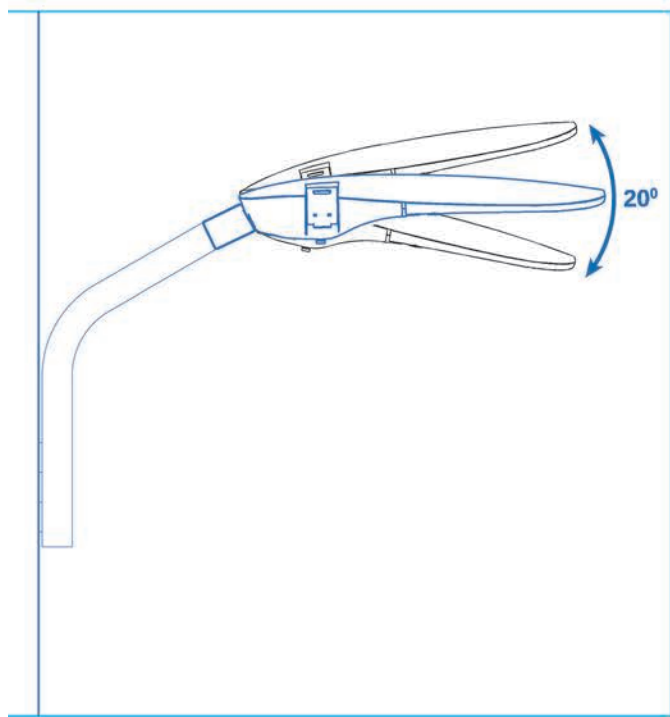
Pole mounting at an angle from $+10^{\circ}$ to -10°

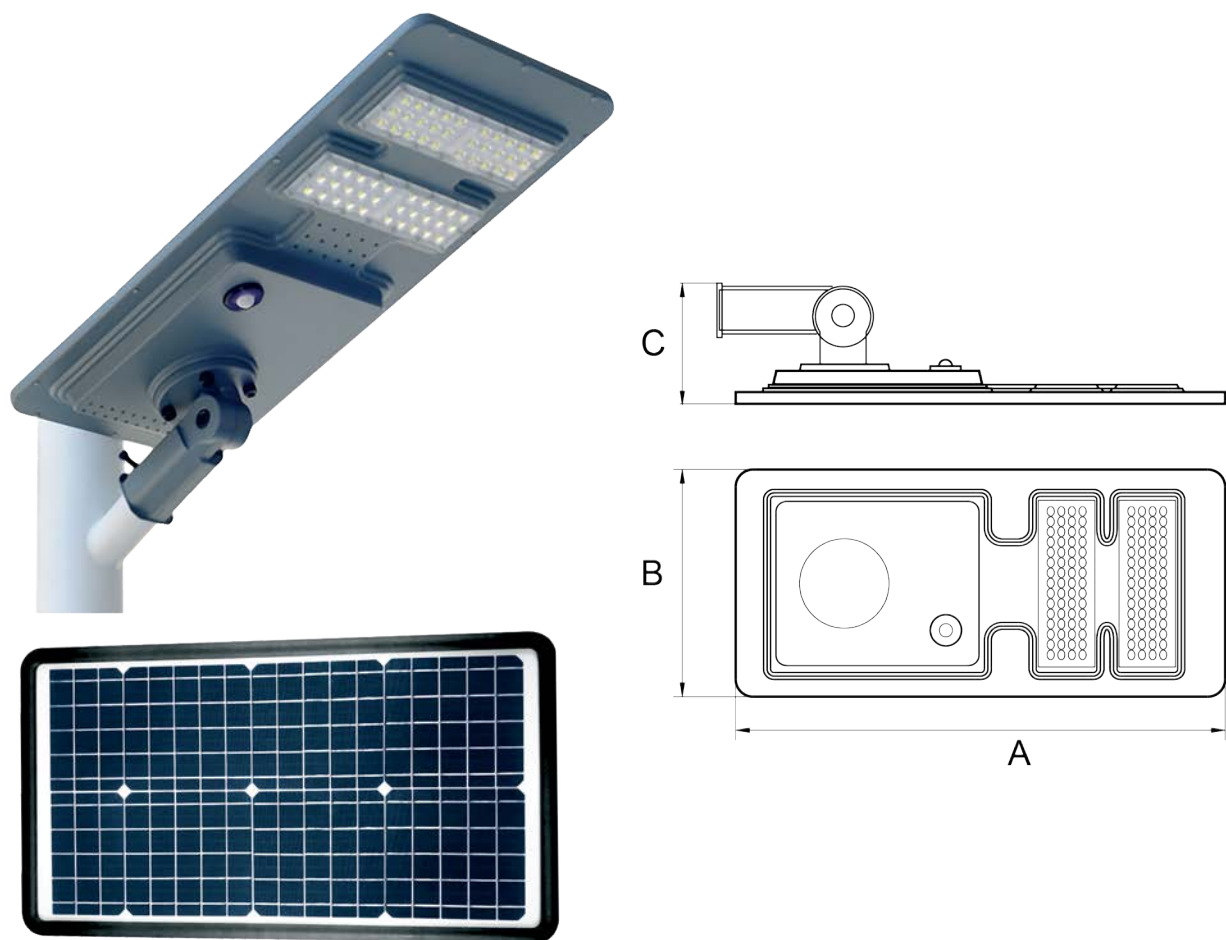


Bracket arm mounting at an angle from $+10^{\circ}$ to -10°



LAMP MOUNTING





A solar luminaire for urban lighting, fully equipped to use a 20 W LED light source.

The luminaire is delivered with an integrated solar panel. The complete luminaire housing is made of die-cast aluminum alloy and finished with electrostatic paint. The luminaire protector is made of polycarbonate. The optical block consists of an LED source with a color temperature of 4000 K, providing a luminaire efficiency of $\geq 140 \text{ lm/W}$, an LED module lifespan of 50,000 hours at an ambient temperature of $T_a=25^\circ\text{C}$, and a maximum luminous flux reduction of 30% after 70,000 hours of operation.

Mounting is on a bracket arm or a pole with a diameter of $\varnothing 60 \text{ mm}$, with an angle adjustment capability of up to 90° .

The light distribution is adapted for urban lighting.

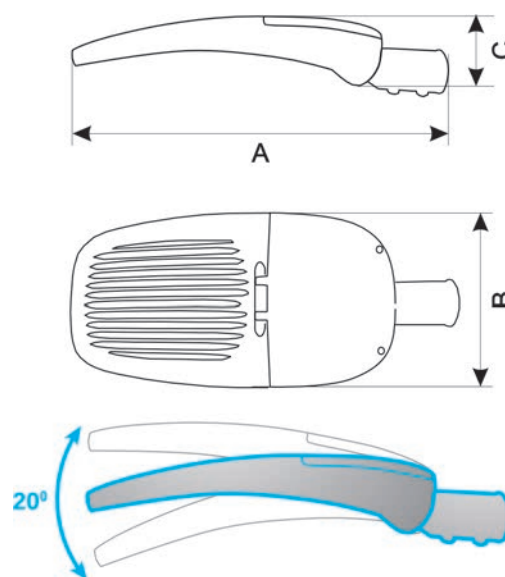
Along with the 40 W solar panel, a 20 Ah lithium battery, a built-in motion sensor, and a photo relay are delivered.

The mechanical characteristics of the luminaire include a protector impact resistance of IK07, in accordance with SRPS EN standards. The protection rating is IP65, according to applicable SRPS EN standards.

The luminaire is of electrical insulation class I.

Code No.	Luminaire	A mm	B mm	C mm	Weight kg	Mounting
3900598	Integrated LED luminaire 20W	800	450	220	12	$\varnothing 48-60$

LED VELES 1



IP protection rating IP 66
IK impact resistance IK 08

The luminaire housing is made of die-cast aluminum alloy. The protector is made of flat tempered glass—optionally of polycarbonate. A variety of optical parts are made of polycarbonate resistant to high temperatures and UV radiation.

The luminaire features the capability for direct pole mounting and bracket arm mounting with an angle adjustment capability of ± 10 degrees. The basic protection of the luminaire body is finished with electrostatic painting in a RAL color at the customer's request—optionally by another method.

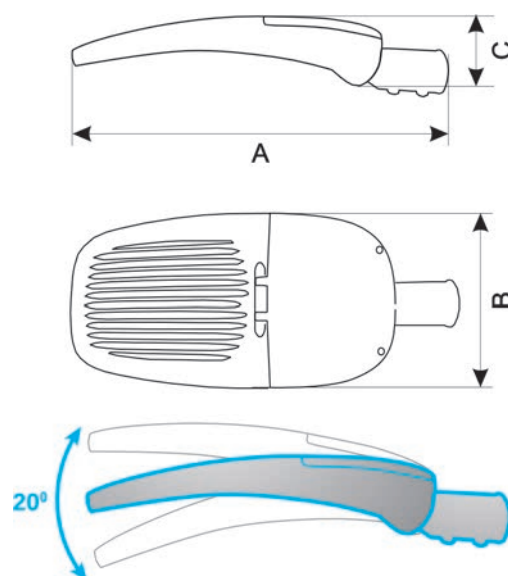
The basic protection rating of the luminaire is IP 66, IK 08. At the customer's request, we manufacture the luminaire with an IP 67 protection rating—IK 09 - IK 10 protection.

The declared durability of the LED light sources/LEDs ranges from 100,000 h to 200,000 h with a minimum luminous flux drop of 5–10%. Color temperature: 2800 K – 6500 K. The total output luminous flux of the luminaire is 120–170 lm/W depending on the selection of the LED type.

Different types of power supplies with a declared lifespan exceeding 100,000 h feature the following capabilities: A version with an operating temperature from -40 to $+70^{\circ}\text{C}$ for installation at high altitudes and regions with cold and harsh climates; a version with automatic shut-off in case of excessive temperature until the lighting is switched back on—not before. A version for high voltage fluctuations from 100–300 VAC—ideal for rural areas. A version with short-circuit, over-current, and overvoltage protection... A version with a dimming capability for power reduction in 5 different steps with a virtual midnight detection capability. A version featuring luminaire control from the public lighting distribution cabinet.

For all luminaire types, at the customer's request, we provide certificates from accredited laboratories for IP and IK protection, photometry test reports, technical data sheets for drivers and LEDs, LVD testing, EMC testing, the CE mark, the ENEC standard...

Code No.	Luminaire	Power W	A mm	B mm	C mm	Weight kg	Mounting
3900620	LED VELES 1	20	520	205	125	3,0	ø 48-60
3900630	LED VELES 1	30	520	205	125	3,0	ø 48-60
3900640	LED VELES 1	40	520	205	125	3,0	ø 48-60



IP protection rating IP 66
IK impact resistance IK 08

The luminaire housing is made of die-cast aluminum alloy. The protector is made of flat tempered glass—optionally of polycarbonate. A variety of optical parts are made of polycarbonate resistant to high temperatures and UV radiation.

The luminaire features the capability for direct pole mounting and bracket arm mounting with an angle adjustment capability of ± 10 degrees. The basic protection of the luminaire body is finished with electrostatic painting in a RAL color at the customer's request—optionally by another method.

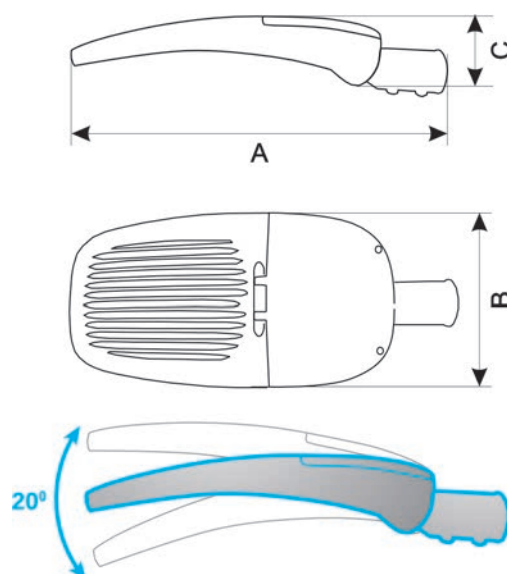
The basic protection rating of the luminaire is IP 66, IK 08. At the customer's request, we manufacture the luminaire with an IP 67 protection rating—IK 09 - IK 10 protection.

The declared durability of the LED light sources/LEDs ranges from 100,000 h to 200,000 h with a minimum luminous flux drop of 5–10%. Color temperature: 2800K–6500K. The total output luminous flux of the luminaire is 120–170 lm/W depending on the selection of the LED type.

Different types of power supplies with a declared lifespan exceeding 100,000 h feature the following capabilities: A version with an operating temperature from -40 to $+70^{\circ}\text{C}$ for installation at high altitudes and regions with cold and harsh climates; a version with automatic shut-off in case of excessive temperature until the lighting is switched back on—not before. A version for high voltage fluctuations from 100–300 VAC—ideal for rural areas. A version with short-circuit, overcurrent, and overvoltage protection. A version with a dimming capability for power reduction in 5 different steps with a virtual midnight detection capability. A version featuring luminaire control from the public lighting distribution cabinet...

For all luminaire types, at the customer's request, we provide certificates from accredited laboratories for IP and IK protection, photometry test reports, technical data sheets for drivers and LEDs, LVD testing, EMC testing, the CE mark, the ENEC standard...

Code No.	Luminaire	Power W	A mm	B mm	C mm	Weight kg	Mounting
3600643	LED VELES 2	30	630	255	300	4,6	ø 48-60
3900644	LED VELES 2	40	630	255	300	4,7	ø 48-60
3900650	LED VELES 2	50	630	255	300	4,7	ø 48-60
3900660	LED VELES 2	60	630	255	300	4,7	ø 48-60



IP protection rating IP 66
IK impact resistance IK 08

The luminaire housing is made of die-cast aluminum alloy. The protector is made of flat tempered glass—optionally of polycarbonate. A variety of optical parts are made of polycarbonate resistant to high temperatures and UV radiation.

The luminaire features the capability for direct pole mounting and bracket arm mounting with an angle adjustment capability of ± 10 degrees. The basic protection of the luminaire body is finished with electrostatic painting in a RAL color at the customer's request—optionally by another method.

The basic protection rating of the luminaire is IP 66, IK 08. At the customer's request, we manufacture the luminaire with an IP 67 protection rating—IK 09 - IK 10 protection.

The declared durability of the LED light sources/LEDs ranges from 100,000 h to 200,000 h with a minimum luminous flux drop of 5–10%. Color temperature: 2800 K – 6500 K. The total output luminous flux of the luminaire is 120–170 lm/W depending on the selection of the LED type.

Different types of power supplies with a declared lifespan exceeding 100,000 h feature the following capabilities: A version with an operating temperature from -40 to $+70^{\circ}\text{C}$ for installation at high altitudes and regions with cold and harsh climates; a version with automatic shut-off in case of excessive temperature until the lighting is switched back on—not before. A version for high voltage fluctuations from 100–300 VAC—ideal for rural areas. A version with short-circuit, overcurrent, and overvoltage protection... A version with a dimming capability for power reduction in 5 different steps with a virtual midnight detection capability. A version featuring luminaire control from the public lighting distribution cabinet...

For all luminaire types, at the customer's request, we provide certificates from accredited laboratories for IP and IK protection, photometry test reports, technical data sheets for drivers and LEDs, LVD testing, EMC testing, the CE mark, the ENEC standard...

Code No.	Luminaire	Power W	A mm	B mm	C mm	Weight kg	Mounting
3900680	LED VELES 3	80	695	300	230	6,4	ø 48-60
3900690	LED VELES 3	100	695	300	230	6,8	ø 48-60
3900692	LED VELES 3	120	695	300	230	7,2	ø 48-60
3900695	LED VELES 3	150	695	300	230	7,2	ø 48-60
3900694	LED VELES 4	160	870	370	230	10	ø 48-60



The luminaire housing is made of die-cast aluminum.

The protector is made of flat tempered glass. The optical part is made of polycarbonate resistant to high temperatures and UV rays. The photometry is asymmetric. The complete luminaire is manufactured with an IP 66 protection rating against water and dust ingress according to EN 60598 and EN 60529 standards. At the customer's request, we supply the luminaire with an IP 67 protection rating.

The degree of mechanical protection in the basic version is IK 08 according to EN 62262 and EN 60068 standards. At the customer's request, we supply the luminaire with 6–10 mm tempered glass—IK 09 / IK 10 protection. The luminaire is certified according to EN 13032 and EN 60598 standards. The output luminous flux is 110–125 lm/W. Color temperature: 3000, 4000, 6500 K. The luminaire is certified in accredited laboratories.

The operating temperature of the power supply is in the range from -40 to +70°C, or the power supply housing from -40 to +80°C (Tc), with automatic shut-off in case of excessive temperature until the lighting is switched back on (not before).

The power supply of the luminaires, with an input voltage range of 100–300 VAC, features programmability and subsequent autonomous dimming (light reduction) during the night according to the selected program, along with virtual midnight detection and adaptation to the length of day and night. The luminaire functions perfectly in rural areas where input voltage fluctuations are high. Each luminaire features short-circuit and overcurrent protection, surge immunity, and protection against line-to-ground and line-to-line induction and discharges.

The declared expected lifespan of the power supply is 77,500 hours (at Tc - housing temperature of 75°C, while below Tc<70°C it exceeds 100,000 hours), which equals about 25 years with the luminaire operating around

Code No.	Luminaire	Weight kg	Mounting
3900515	LADA - smart max 64	8,8	ø 60-76

STEDO LED

LED CEILING LIGHT

THE LATEST GENERATION OF SURFACE-MOUNTED LED LIGHTS



WITH MICROWAVE MOTION
SENSOR OF HIGH
QUALITY AND RELIABILITY



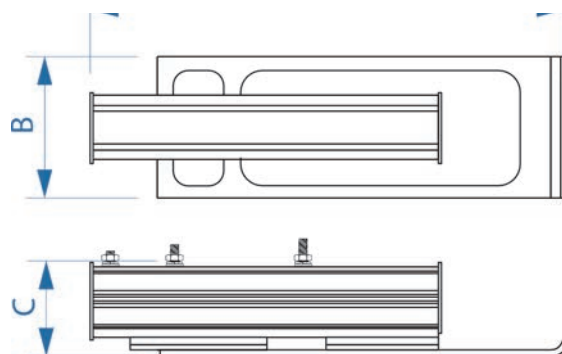
SAVE ENERGY AND MONEY UP TO 95%

MICROWAVE MOTION SENSOR
FOR AUTOMATIC TURNING ON AND OFF OF LIGHT
WITH OPERATING LIFE OF MINIMUM 20 YEARS



IDEAL SOLUTION FOR ENTRANCE LIGHTING, STAIRWAYS,
RESIDENTIAL BUILDINGS, COMMERCIAL BUILDINGS, ETC.

LED SIMPLE



IP protection rating IP 65
 IK impact resistance IK 08
 Pole mounting 5 - 10 m
 Luminous flux
 110-150 lm/W

Code No.	Luminaire	Power W	A mm	B mm	C mm	Mounting
3900341	LED SIMPLE	18	370	135	90	ø 48-60
3900343	LED SIMPLE	27	370	135	90	ø 48-60

It consists of: a housing made of aluminum alloy, while the optical part is made of polycarbonate resistant to high temperatures and UV radiation. The luminaire is protected by electrostatic painting in RAL 7035.

Smart versions feature a dimming capability in five different steps and virtual midnight detection. The LED luminaire with a panel operates on the principle of utilizing solar energy.

A solar panel combined with an LED luminaire is a sustainable and cost-effective solution in many situations. A significant advantage is the capability to illuminate roads, parks, and thoroughfares where connecting to the electrical grid is not feasible. Color temperature: 3000, 4000, 6500 K.

The operating temperature of the power supply is in the range from -40 to +70°C (ambient Ta), or the power supply housing from -40 to +80°C (Tc), with automatic shut-off in case of excessive temperature until the lighting is switched back on (not before).

The power supply of the luminaires, with an input voltage range of 100–300 VAC, features programmability and subsequent autonomous dimming (light reduction) during the night according to the selected program, along with virtual midnight detection and adaptation to the length of day and night. The luminaire functions perfectly in rural areas where input voltage fluctuations are high. Each luminaire features short-circuit and overcurrent protection, surge immunity, and protection against line-to-ground and line-to-line induction and discharges.

The declared expected lifespan of the power supply is 77,500 hours (at Tc - housing temperature of 75°C, while below Tc<70°C it exceeds 100,000 hours), which equals about 25 years with the luminaire operating around 4,000 h annually. The declared durability of the LEDs is around 100,000 h until the luminous flux drops to 80%. The expected failure rate is less than 10%.

LED URBAN 1 (ELECTRICITY SAVING UP TO 50%)



Tehnički podaci:

IP zaštita IP 65 / 66 / 67
 IK otpornost IK 08 / 09/ 10
 Montaža na stub 3-8m
 Dimenzije 710x440mm

Kodni broj	Svetiljka	Snaga W
3900391	URBAN for LED Bulb	18
3900343	URBAN Na	70
3900394	URBAN Na	100
3900393	URBAN Na	150

The basic color temperature is 4000 K, which is customizable at the customer's request.

Advantages: It consists of a housing made of die-cast aluminum alloy, an aluminum reflector, a polycarbonate protector, and a silicone gasket. All external elements are made of stainless steel.

Bulb replacement is highly straightforward by unscrewing two screws on the luminaire cover, providing simple and easy access to the bulb.

FemaN

NEW!

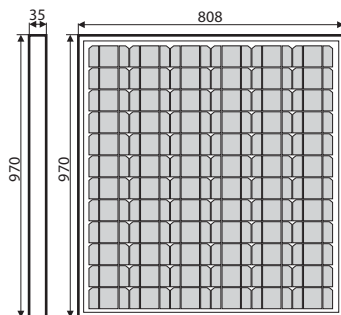
AUTOMATIC
DUAL-AXIS SOLAR
TRACKER
OUTPUT 7,2 kW/h

HYBRID SYSTEM
WITH BATTERIES
CAPACITY
2 x 5,8 kW/h

USE THE FREE ENERGY OF THE SUN
TO POWER YOUR NEEDS
WITH ELECTRICITY FOR:

- ✓ YOUR HOME
- ✓ BUSINESSES
- ✓ STREET LIGHTING
- ✓ WATER PUMPING...

STREET LUMINAIRE WITH A SOLAR PANEL (ELECTRICITY SAVINGS UP TO 100%)



Code No.	Max Power W	Voltage V
3900386	60	220

Technical Data:

Maximum power 400 W

Voltage 12/24/48 V

Dimensions 970x808x35 mm

All our luminaires can be connected to a solar panel to save electrical energy.

The advantages of an LED luminaire with a panel include:

- Free electrical energy,
- No trenching or cable laying,
- Easy installation.

The solar-powered luminaire system consists of:

- LED luminaire with housing made of die-cast aluminum alloy, a tempered glass protector, an aluminum reflector, diode bulbs, and a silicone gasket.
- Solar panel consisting of photovoltaic cells that convert sunlight into electrical energy.
- Rechargeable battery that accumulates electrical energy during the day to power the LED luminaire at night.
- Controller whose function is to monitor the charging of the rechargeable battery.

In addition to 100% electricity savings, one of the significant advantages is the lifespan of the diodes, which exceeds 100,000 operating hours - 5 to 10 times longer than sodium and mercury lamps.

LEDs feature a high efficiency rating, unlike other light sources whose intensity drops by up to 50% during exploitation (such as sodium luminaires after 30,000 hours), whereas LEDs experience an intensity drop of only 20% after 100,000 hours.



LED LUMINAIRES WITH REMOTE OR PROGRAMMED LIGHTING CONTROL

The remote control system offers significant advantages in electrical energy savings during periods of reduced traffic and pedestrian frequency, when there is no need for the luminaires to operate at 100% power. During the night, as traffic volume drops and pedestrian activity decreases, we can regulate the luminaires and systematically reduce their dimming level within a range of 1–100%, depending on the importance of the thoroughfare and the time period.

With this system, we are able to remotely control each individual luminaire and regulate its operation, thereby gaining insight into its functioning and any maintenance needs. This approach reduces the costs associated with field inspections and monitoring luminaire performance.

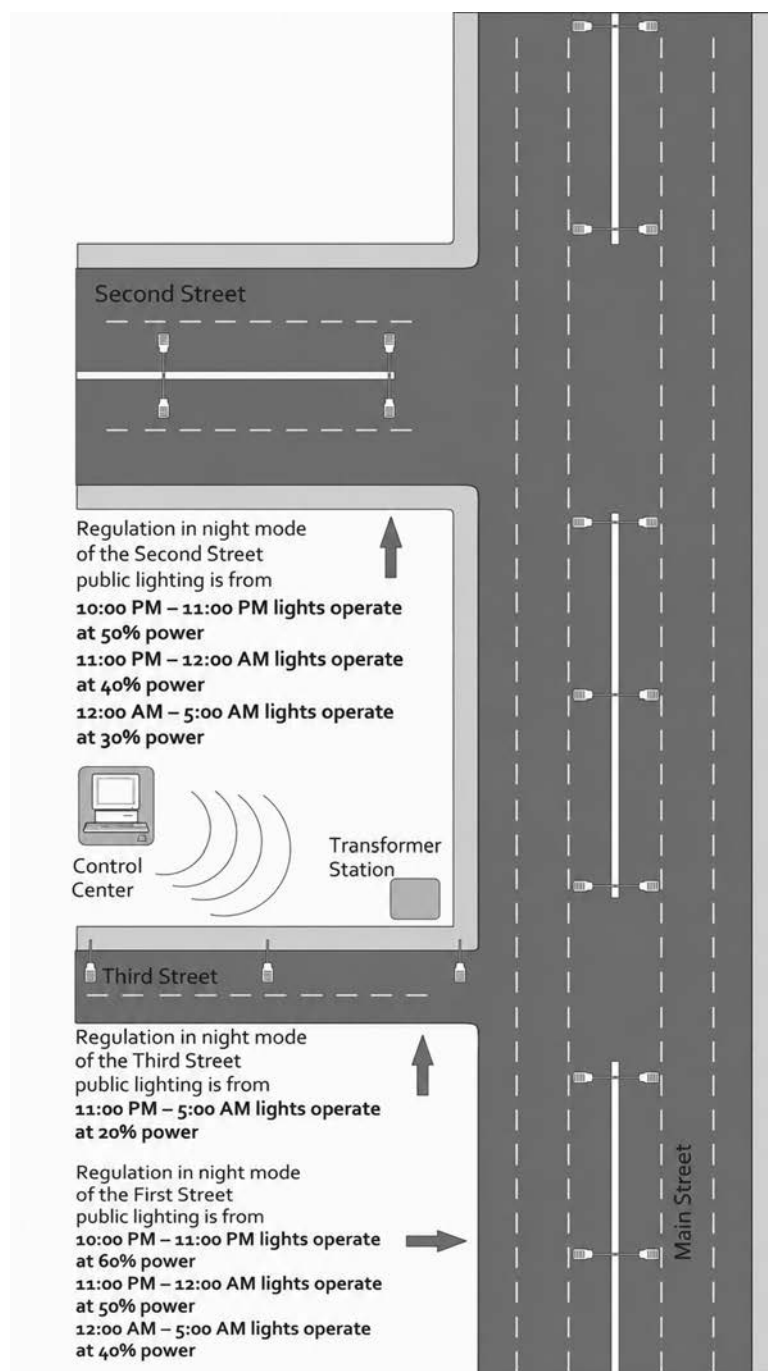
The system operates as follows: a signal is transmitted from the command center via GPRS to the substation, and then the signal is sent through the existing power grid (220 V) to the luminaire.

Remote control provides substantial benefits when applied to LED lighting powered by a solar panel. In this way, we can achieve high savings and secure greater energy autonomy in the batteries, ensuring a reliable and safe power supply for the LED luminaires.

**ENERGY SAVINGS ON
MAIN/FIRST-CLASS
STREETS/ROADS
MAX 60%**

**ENERGY SAVINGS ON
SECOND-CLASS
STREETS/ROADS
MAX 70%**

**ENERGY SAVINGS ON
FIRST-CLASS
STREETS/ROADS
MAX 80%**





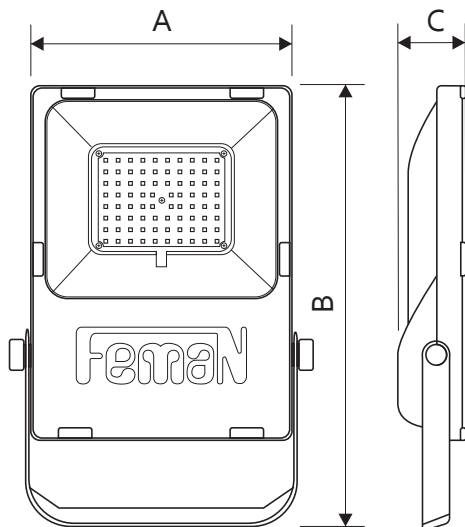
FRL 30



FRL 50



FRL 80



The floodlight housing is made of die-cast aluminum alloy.

The finishing features a conversion coating that provides superior resistance to atmospheric conditions and corrosion.

The floodlight bracket is made of sheet steel for mounting on horizontal and vertical surfaces with adjustable tilt angles.

The steel floodlight bracket is finished in the same color as the housing.

The floodlight protector is made of tempered glass.

The protector is opened using stainless steel clips.

The light source consists of LED chips, with color temperatures available in 3000, 4000, and 6500 K.

IP protection rating: IP 65 / 66 / 67

IK impact resistance: IK 08 / 09 / 10

Supply voltage: 220–240 VAC, 50–60 Hz.

Insulation class: I–II.

Code No.	Luminaire	Max Power W	Luminous flux lm/W	A mm	B mm	C mm	Voltage V	Weight kg/pc
3900242	FRL 30	30	120-140	190	230	40	12/24/220	1,10
3900243	FRL 50	50	120-140	255	323	50	220	2,43
3900244	FRL 80	80	120-140	280	370	55	220	3,12

EKC - LED FLOODLIGHTS (100 W, 150 W AND 200 W)



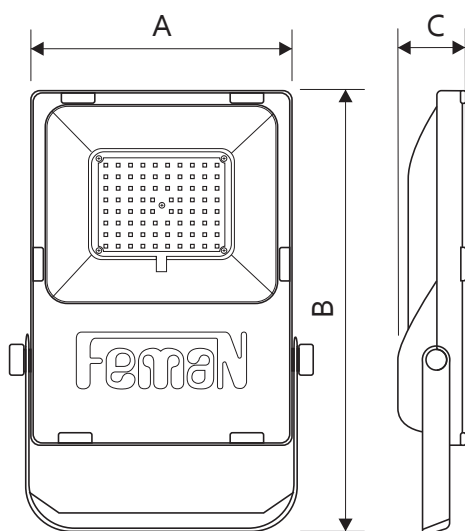
FRL 100



FRL 150



FRL 200



The floodlight housing is made of die-cast aluminum alloy.

The finishing features a conversion coating that provides superior resistance to atmospheric conditions and corrosion.

The floodlight bracket is made of sheet steel for mounting on horizontal and vertical surfaces with adjustable tilt angles.

The steel floodlight bracket is finished in the same color as the housing. The floodlight protector is made of tempered glass. The protector is opened using stainless steel clips.

The light source consists of LED chips, with color temperatures available in 3000, 4000, and 6500 K.

IP protection rating: IP 65 / 66 / 67

IK impact resistance: IK 08 / 09 / 10

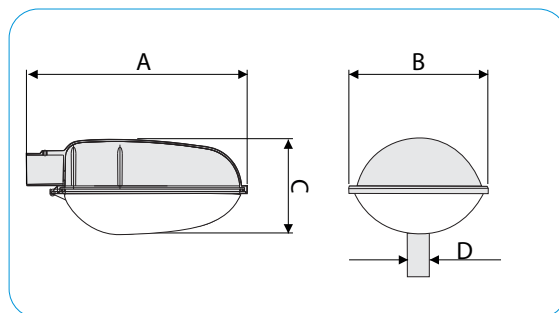
Supply voltage: 220–240 VAC, 50–60 Hz.

Insulation class: I–II.



Telescopic floodlight stand. The photograph shows a stand equipped with FEMAN FRL floodlights.

Code No.	Luminaire	Max Power W	Luminous flux lm/W	A mm	B mm	C mm	Voltage V	Weight kg/pc
3900245	FRL 100	100	120-140	330	410	60	220	3,80
3900246	FRL 150	150	120-140	380	450	60	220	5,24
3900241	FRL 200	200	120-140	410	490	60	220	6,00



Advantages:

- Protection rating of the complete luminaire: IP 66
- Impact resistance: IK 08
- Protector made of mechanically reinforced tempered glass, impact-resistant, eliminating the risk of the protector falling off or changing color after a few years
- Housing made of die-cast aluminum makes this luminaire robust yet light weight
- The luminaire is finished with electrostatic painting in RAL 7035
- Exceptional and variable photometric characteristics
- Mechanical reliability
- Eliminates the possibility of uncomfortable glare for car drivers traveling down a street illuminated by the Euro kristal luminaire
- Aerodynamic shape of the Fopal luminaire absorbs wind impacts



Various types of bulbs can be used

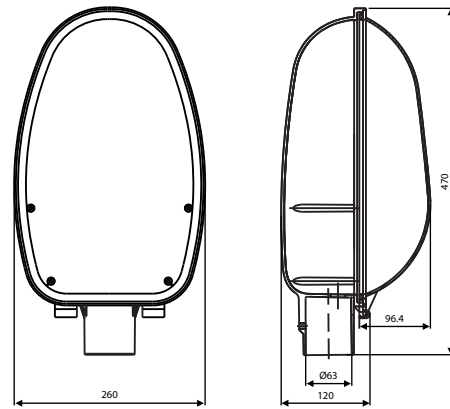
Code No.	Luminaire	Type	Power W	A mm	B mm	C mm	D mm	Lamp holder	Weight kg/pc
3900292	SVETILJKA FOPAL 1	Živina	125W	470	260	210	60	E27-E40	2,95kg
3900294	SVETILJKA FOPAL 1	Natrijumova	70W	470	260	210	60	E27-E40	3,37kg
3900295	SVETILJKA FOPAL 1	Natrijumova	100W	470	260	210	60	E27-E40	3,42kg
3900296	SVETILJKA FOPAL 1	Natrijumova	150W	470	260	210	60	E27-E40	4,24kg
3900297	SVETILJKA FOPAL 1	Metal-halogena	70W	470	260	210	60	E27-E40	3,37kg
3900298	SVETILJKA FOPAL 1	Metal-halogena	100W	470	260	210	60	E27-E40	3,42kg
3900299	SVETILJKA FOPAL 1	Metal-halogena	150W	470	260	210	60	E27-E40	4,24kg

FOPAL 1 - STREET LUMINAIRE - CHARACTERISTICS



Technical Characteristics:

IP protection rating	IP 65
IK impact resistance	IK 08
Mounting	ø48 and ø60
Dimensions	470x260x210 mm

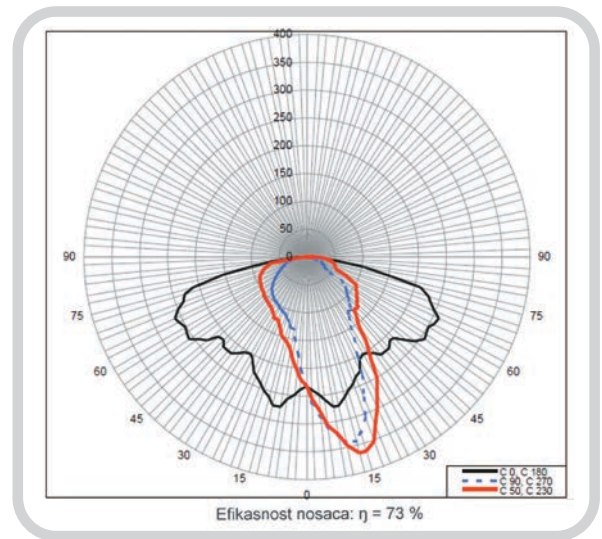


1. Die-cast aluminum housing
2. Silicone cover gasket
3. Protector - polycarbonate
4. Lamp holder E-27 or E-40
5. Aluminum reflector
6. Quick-release mounting plate:
(baast, igniter, and capacitor)

IP65 protection



IK08 impact resistance



Fopal 1	High-pressure sodium lamp			Mercury	Metal halide		
	70w	100w	150w	125w	70w	100w	150w



Technical Data:

IP protection rating	IP 54/65
IK impact resistance	IK 07/08
Pole mounting	3–5 m
Dimensions	500x430 mm

Code number:	3900390
Voltage:	220 V



Various types of bulbs can be used

It consists of: a housing made of die-cast aluminum alloy, a luminaire cover made of deep-drawn sheet metal, a polycarbonate protector, and aluminum deflectors. All external elements are made of stainless steel.

Bulb replacement is very simple by unscrewing two screws on the luminaire cover, providing quick and easy access to the bulb.

Mounting:

The luminaire is mounted vertically onto a $\varnothing$ 90 pole. It is secured using three stainless steel screws.

Power W: 20–40 W LED bulb

Lamp holder: E-27

POLE BRACKET ON "U" PROFILE



The pole bracket is mounted on the pole using one or two stainless steel bands. They are manufactured at a standard angle of 5 degrees. The pole arm features a screw hole that allows for adjusting the angle of the pole arm. Surface protection is done by electrostatic painting, and at the customer's request, it can be finished with hot-dip galvanizing.

Code No.	Ø mm	L mm
3900465	48	250
3900466	48	500
3900467	48	750
3900468	48	1000
3900469	48	1500

Code No.	Ø mm	L mm
3900495	60	250
3900496	60	500
3900497	60	750
3600498	60	1000
3900499	60	1500

POLE BRACKET WITH ONE POLE CLAMP

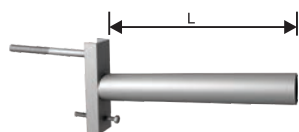


Mounting is performed by screwing the pole bracket to the pole using one pole clamp. They are manufactured at a standard angle of 5 degrees. Surface protection is done by galvanic zinc plating, and at the customer's request, it can be

Code No.	Pole mm	Diameter mm	L mm
3900484	130-150	48	200
3900487	200-250	48	200
3900472	130-150	48	500
3900489	200-250	48	500

Code No.	Pole mm	Prečník mm	L mm
3900415	130-150	60	200
3900417	200-250	60	200
3900446	130-150	60	500
3600447	200-250	60	500

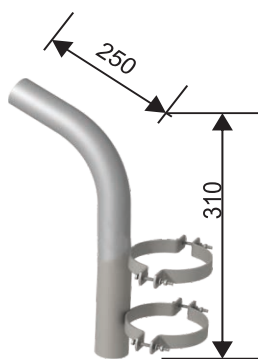
ADJUSTABLE POLE BRACKET



Code No.	Diameter mm	L (mm)
3900450	48	500
3900451	48	1000
3900460	60	500
3900461	60	1000

Adjustable bracket for street lights is intended for pole mounting. Surface protection is performed by electrostatic painting, and at the customer's request, it can also be hot-dip galvanized.

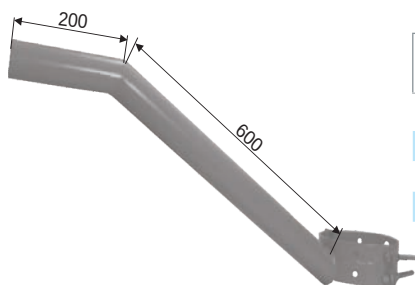
POLE ARM WITH TWO POLE CLAMPS



Code No.	Pole mm	Diameter mm
3900432	120-130	48
3900433	120-130	60
3900436	200-250	48
3900437	200-250	60

Mounting is performed by screwing the pole arm to the pole using two pole clamps at the bottom of the pole arm. Surface protection is performed by electrostatic painting, and at the custom-

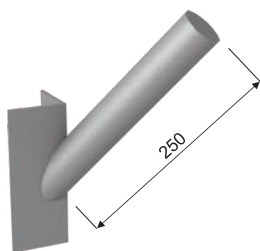
POLE ARM 200+600



Code No.	Pole mm	Diameter mm
3900406	120-130	48
3900407	120-130	60
3900408	200-250	48
3900409	200-250	60

Mounting is performed on the pole using a pole clamp. Surface protection is performed by electrostatic painting, and at the customer's request, it can also be hot-dip galvanized.

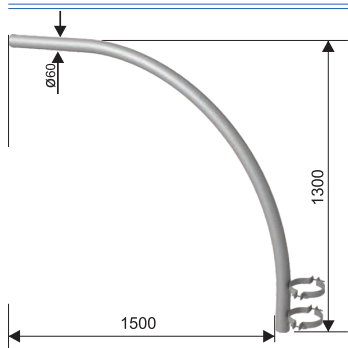
POLE BRACKET ON "L" PROFILE



Street light bracket 6/4" for attaching along the pole.
Attaching is done using strapping bands. Surface protection is performed by electrostatic painting, and at the customer's request, it can also be hot-dip galvanized.

Code No.: 3900400

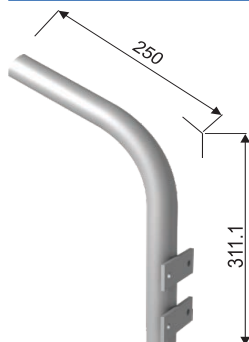
DAVIT POLE ARM WITH TWO POLE CLAMPS 1000/1500 - 950



Mounting is performed by screwing the pole arm to the pole using two pole clamps at the bottom of the pole arm. Surface protection is performed by electrostatic painting, and at the customer's request, it can also be hot-dip galvanized.

Code No.: 3900410

WALL ARM 6/4"



Street light wall arm 6/4" for wall mounting.

Mounting is performed using 4 bolts. Surface protection is performed by electrostatic painting, and at the customer's request, it can also be hot-dip galvanized.

Code No.: 3900430

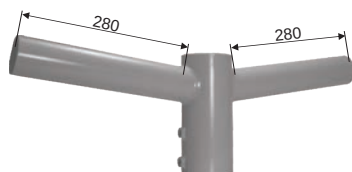
ADJUSTABLE SLIPFITTER BRACKET 0-90 STEPENI



Adjustable street light bracket with an angle of 0-90 degrees, designed for pole mounting. Surface protection is performed by electrostatic painting, and at the customer's request, it can also be hot-dip galvanized.

Code No.: 3900405

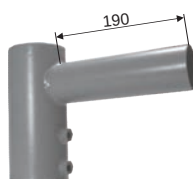
DOUBLE REDUCING POLE BRACKET ø76/60 90°



Mounting is performed on top of the pole by tightening three bolts. Surface protection is performed by electrostatic painting, and at the customer's request, it can also be hot-dip galvanized.

Code No.: 3900403

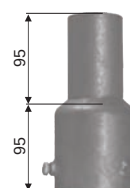
REDUCING POLE BRACKET ø76/60 90°



Montaža se vrši na vrh stuba pomoću zavi-
Mounting is performed on top of the pole by tightening three bolts. Surface protection is performed by electrostatic painting, and at the customer's request, it can also be hot-dip galvanized.

Code No.: 3900402

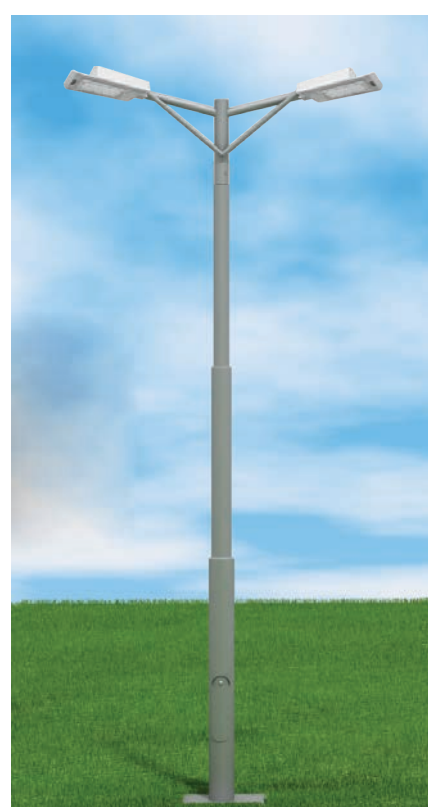
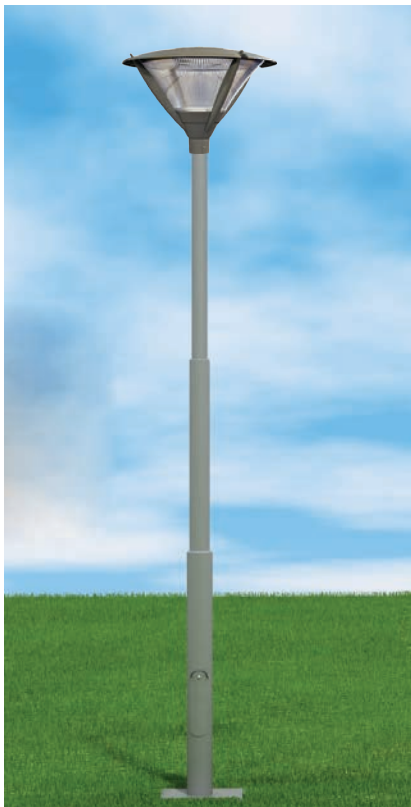
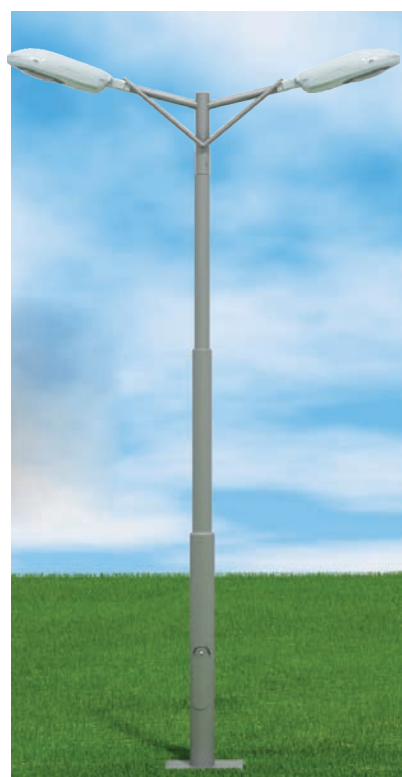
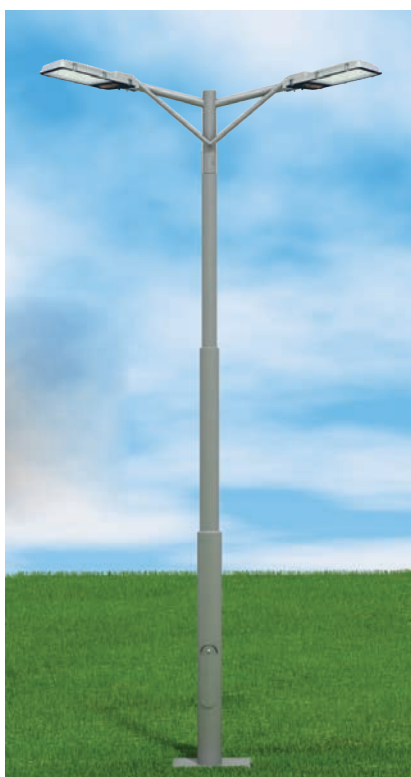
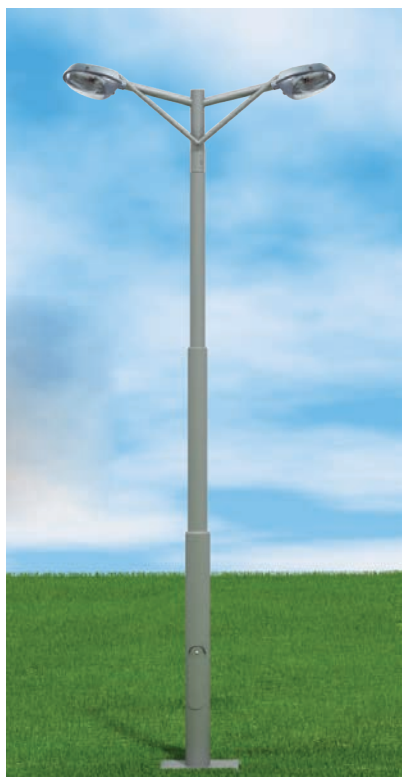
REDUCING POLE BRACKET ø76/60



Mounting is performed on top of the pole by tightening three bolts. Surface protection is performed by electrostatic painting, and at the customer's request, it can also be hot-dip galvanized.

Code No.: 3900404

STEEL POLES



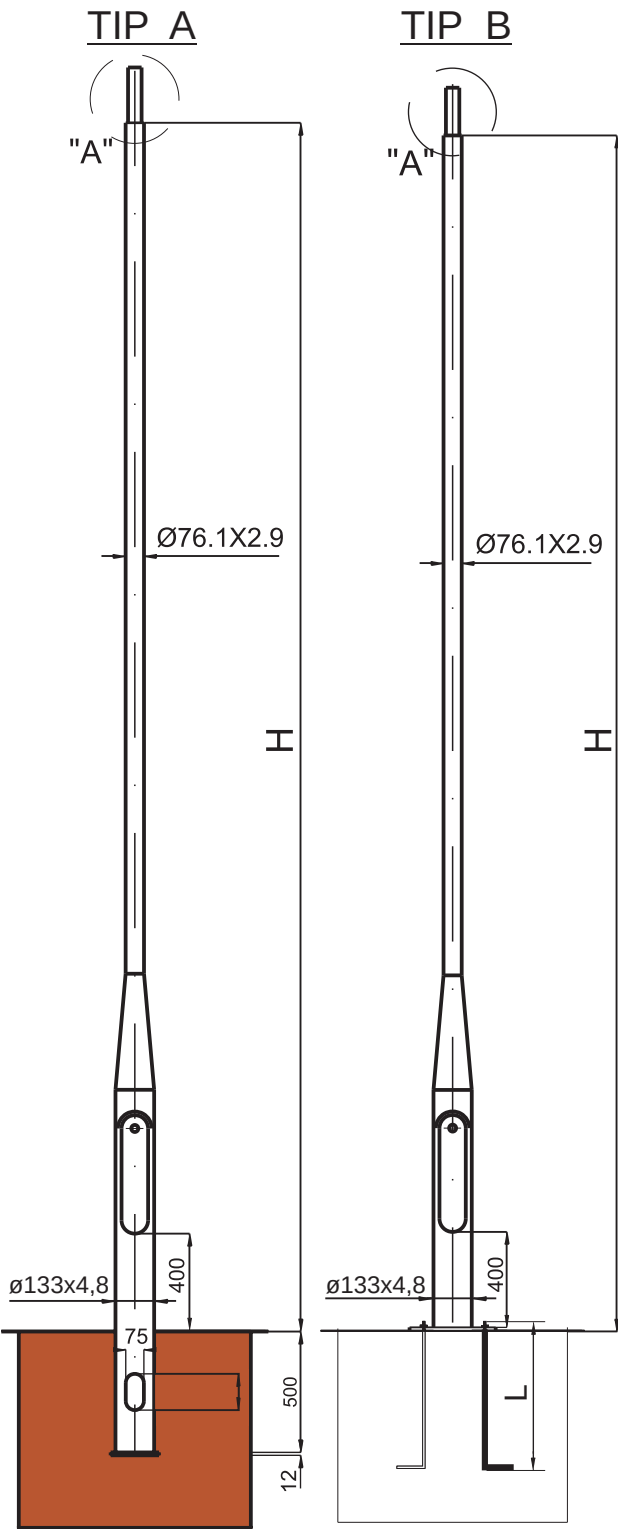
Note: At the customer's request, we also manufacture brackets of other dimensions and shapes.

SEGMENTED STEEL PIPE POLES

Tubular metal poles are designed for use in lighting roads, parks, walkways, etc. The poles are made of high-quality steel pipes joined by arc welding. Poles produced in this manner possess good mechanical characteristics and, through their shape, satisfy all aesthetic requirements of modern public lighting. Surface protection is executed by hot-dip galvanizing or with a protective polyester electrostatic coating in various colors from the RAL color chart.

- According to the installation method, poles are divided into two types:
- installed into a concrete foundation Type (A), and
 - for installation on concrete foundations using three or four anchor hooks Type (B).

The top of the pole (Detail "A") is manufactured depending on the luminaire type, $\varnothing 48$ and $\varnothing 60$.

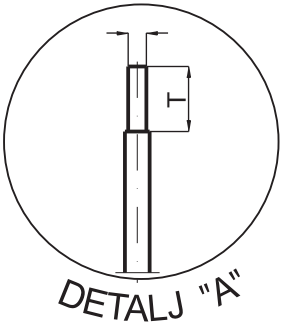


TIP A

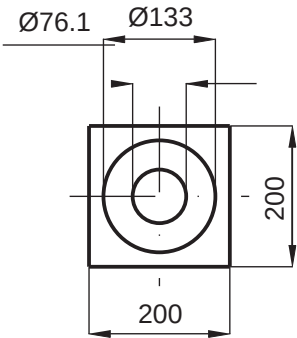
Code No.	Height m	Weight kg
3905030	3,0	45
3905035	3,5	47
3905040	4,0	50
3905045	4,5	57
3905050	5,0	67
3905055	5,5	70
3905060	6,0	81

TIP B

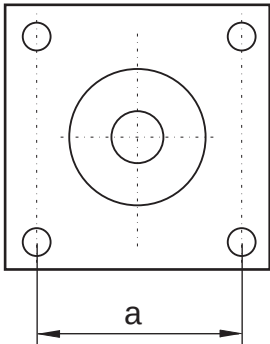
Code No.	Height H m	Anchor M	Weight kg	Founda- tion type	Anchor- ing plate (a)	Anchor L mm
3905130	3,0	16	51	1	330	450
3905135	3,5	16	54	2	330	450
3905140	4,0	16	57	3	330	450
3905145	4,5	16	59	3	330	450
3905150	5,0	16	62	3	330	450
3905155	5,5	16	64	4	330	450
3905160	6,0	18	67	5	400	600



TIP A



TIP B

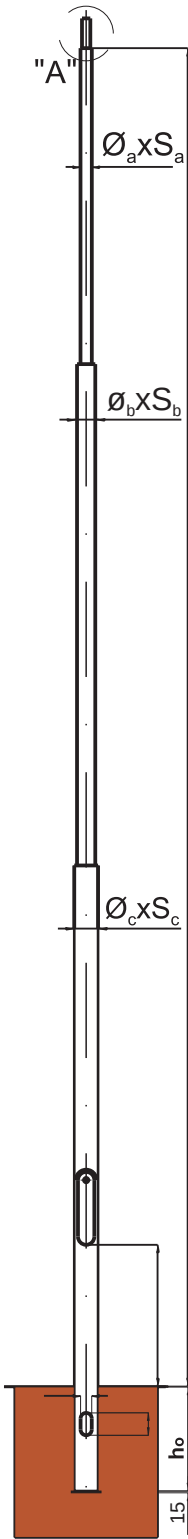


SEGMENTED STEEL PIPE POLES

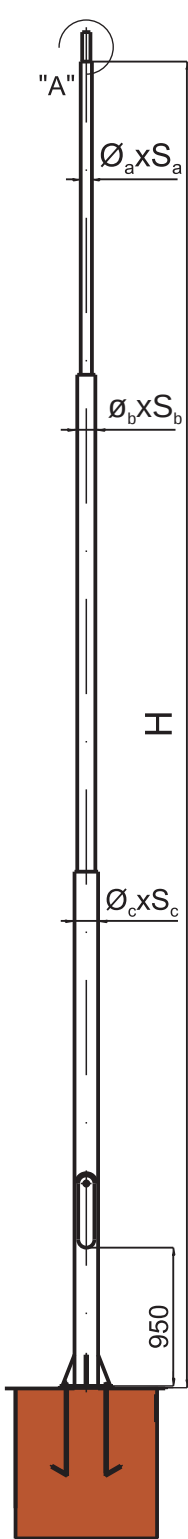
Tubular metal poles are designed for use in illumination of roads, parks, walkways, etc. The poles are made of high-quality steel pipes joined by arc welding. Poles produced in this manner possess good mechanical characteristics and, through their shape, satisfy all aesthetic requirements of modern public lighting. Surface protection is executed by hot-dip galvanizing or with a protective polyester electrostatic coating in various colors from the RAL color chart.

According to the installation method, poles are divided into two types:
- those installed into a concrete foundation Type (A), and
- those for installation on concrete foundations using three or four anchor hooks Type (B).

TIP A



TIP B

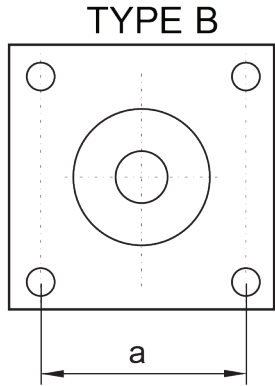
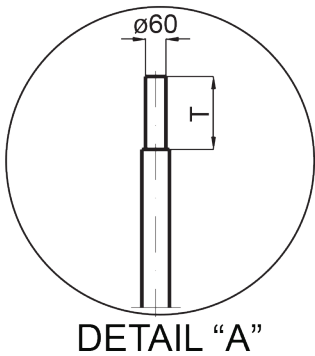


TYPE TYPE
B A

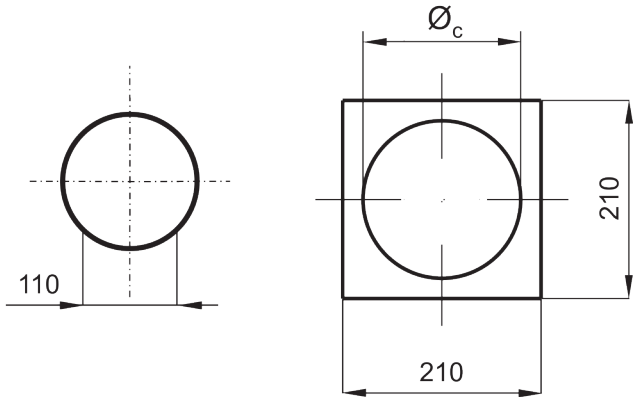
Code No.	Visina H m	h_0 mm	$\varnothing_a \times S_a$ mm	$\varnothing_b \times S_b$ mm	$\varnothing_c \times S_c$ mm
3905070	7	700	76,1x2,5	108x3,6	133x4,8
3905080	8	700	76,1x2,5	108x3,6	133x4,8
3905090	9	800	76,1x2,5	108x3,6	133x4,8
3905170	7	-	76,1x2,5	108x3,6	133x4,8
3905180	8	-	76,1x2,5	108x3,6	133x4,8
3905190	9	-	76,1x2,5	108x3,6	133x4,8

TYPE TYPE
B A

Code No.	Height H m	Anchor M	Weight kg	Founda- tion type	Anchoring plate (a)	Anchor L mm
3905070	7	-	93	-	-	-
3905080	8	-	115	-	-	-
3905090	9	-	125	-	-	-
3905170	9	18	91	6	400	600
3905180	8	20	112	7	400	600
3905190	9	20	112	8	400	600



TYPE A

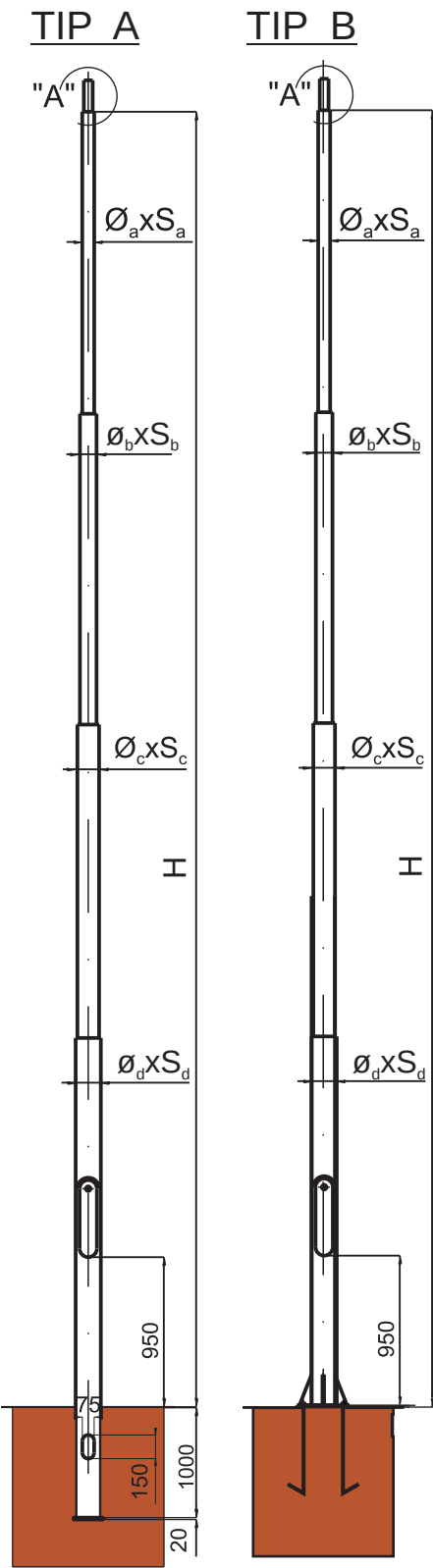


SEGMENTED STEEL PIPE POLES

Tubular metal poles are designed for use in illumination of roads, parks, walkways, etc. The poles are made of high-quality steel pipes joined by arc welding. Poles produced in this manner possess good mechanical characteristics and, through their shape, satisfy all aesthetic requirements of modern public lighting. Surface protection is executed by hot-dip galvanizing or with a protective polyester electrostatic coating in various colors from the RAL color chart.

- According to the installation method, poles are divided into two types:
- those installed into a concrete foundation Type (A), and
 - those for installation on concrete foundations using three or four anchor hooks Type (B).

The top of the pole (Detail "A") is manufactured depending on the luminaire type, $\varnothing 48$ and $\varnothing 60$.



Code No.	Height H (m)	h_0 mm	$\varnothing_a \times S_a$ mm	$\varnothing_b \times S_b$ mm	$\varnothing_c \times S_c$ mm	$\varnothing_d \times S_d$ mm
3905100	10	800	76,1x2,5	108x3,6	133x4,8	159x5,6
3905200	10	-	76,1x2,5	108x3,6	133x4,8	159x5,6

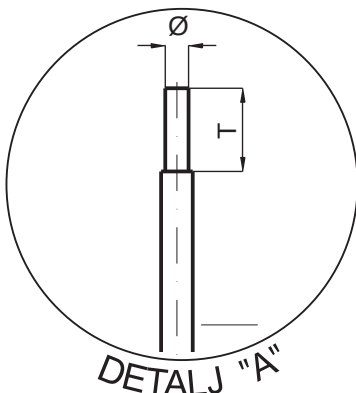
TIP A
TIP B

h_0 - Pole Depth of embedment

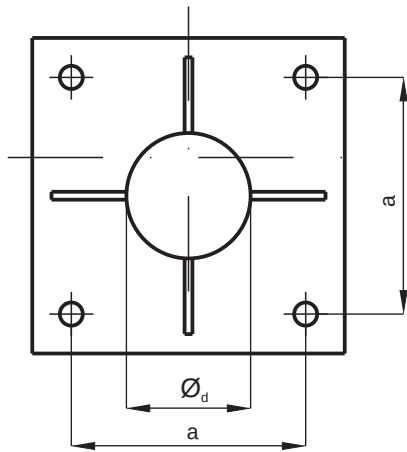
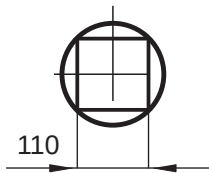
Code No.	Height H m	Anchor M	Weight kg	Foundation type	Anchoring plate (a)	Anchor L mm
3905100	10	-	169	-	-	-

TIP A
TIP B

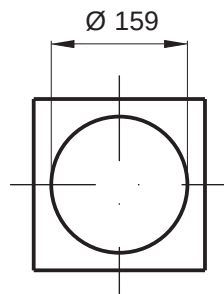
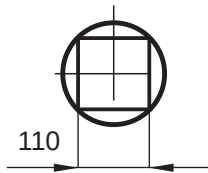
h_0 - Pole Depth of embedment



TIP B



TIP A



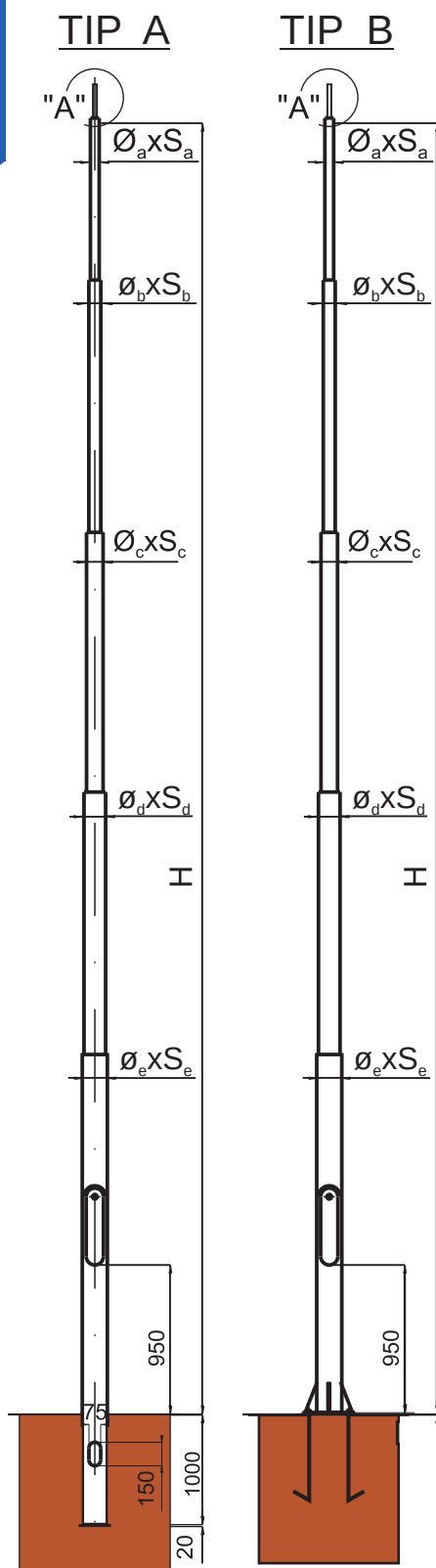
SEGMENTED STEEL PIPE POLES

Tubular metal poles are designed for use in illumination of roads, parks, walkways, etc. The poles are made of high-quality steel pipes joined by arc welding. Poles produced in this manner possess good mechanical characteristics and, through their shape, satisfy all aesthetic requirements of modern public lighting. Surface protection is executed by hot-dip galvanizing or with a protective polyester electrostatic coating in various colors from the RAL color chart.

According to the installation method, poles are divided into two types:

- those installed into a concrete foundation Type (A), and
- those for installation on concrete foundations using three or four anchor hooks Type (B).

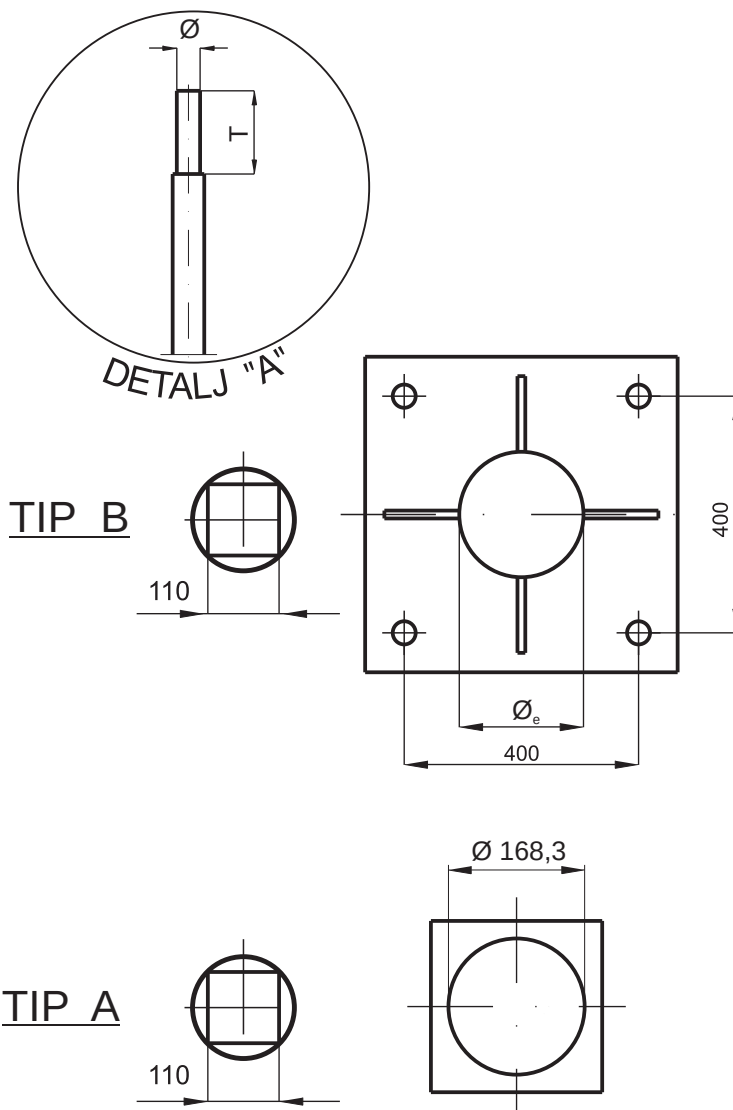
The top of the pole (Detail "A") is manufactured depending on the luminaire type, $\varnothing 48$ and $\varnothing 60$.

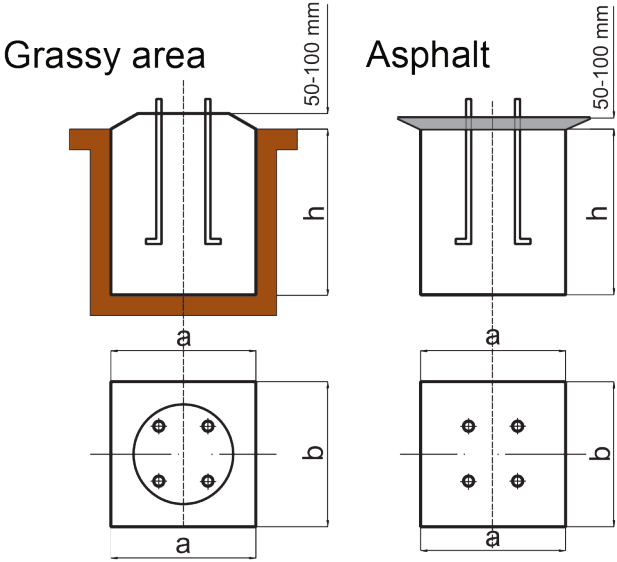


Code No.	Height H (m)	h_0 mm	$\varnothing_a \times S_a$ mm	$\varnothing_b \times S_b$ mm	$\varnothing_c \times S_c$ mm	$\varnothing_d \times S_d$ mm	$\varnothing_e \times S_e$ mm
3905110	11	1000	76,1x2,5	108X3,6	133x4,8	159x5,6	168,3X5,5
3905120	12	1000	76,1X2,5	108X3,6	133x4,8	159x5,6	168,3X5,5
3905210	11	-	76,1x2,5	108X3,6	133x4,8	159x5,6	168,3X5,5
3905220	12	-	76,1X2,5	108X3,6	133x4,8	159x5,6	168,3X5,5

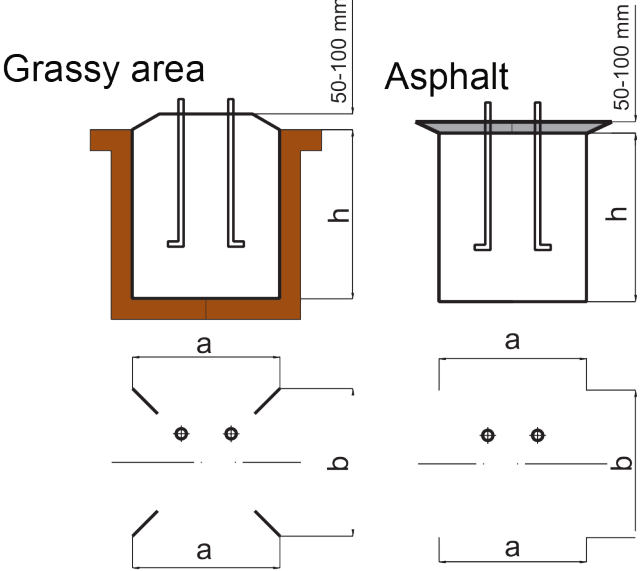
h_0 - Pole Depth of embedment

Code No.	Height H (m)	Weight (kg)	Anchor M	Founda-tion type	Anchoring plate (a)	Anchor L
3905100	11	201	-	-	-	-
3905200	12	218	-	-	-	-
3905210	11	198	22	9	400	800
3905220	12	214	22	9	400	800

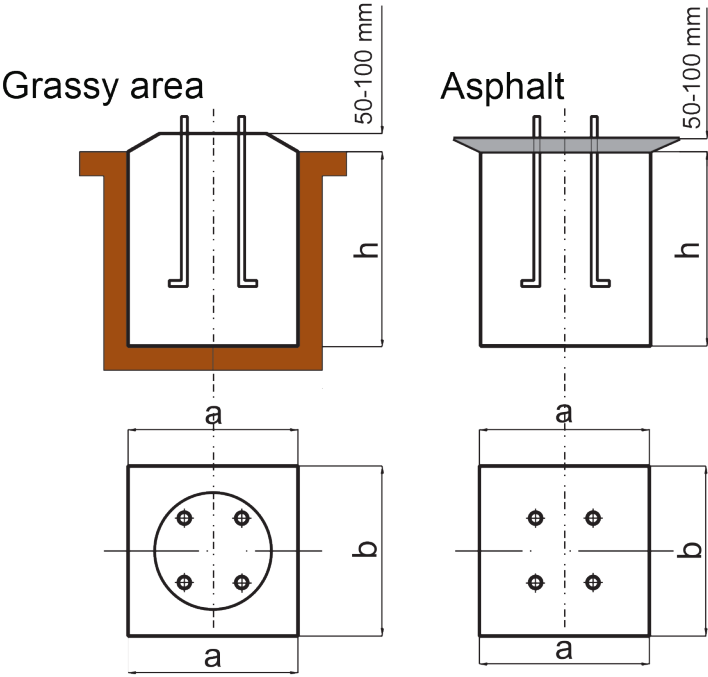




Foundation type	a mm	b mm	h mm	V (m³)
1	500	500	550	0,14
2	550	550	550	0,17
3	600	600	600	0,22



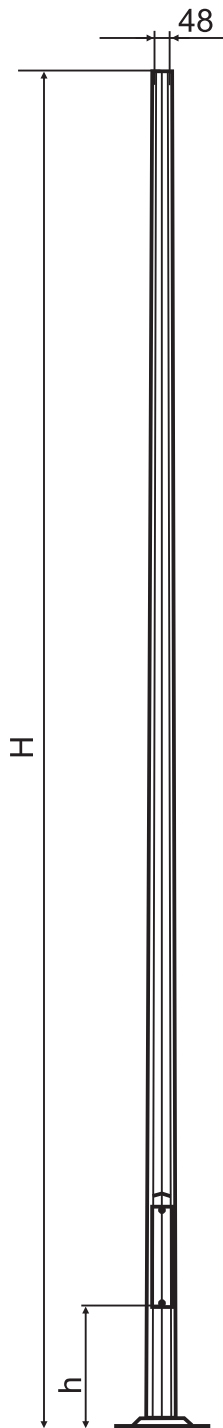
Founda- tion type	a (mm)	b (mm)	h (mm)	V (m³)
4	600	600	700	0,25
5	700	700	700	0,34
6	800	800	800	0,51



Foundation type	a mm	b mm	h mm	V m³
7	800	800	1000	0,64
8	900	900	1000	0,81
9	1000	1000	1100	1,1

OCTAGONAL STEEL POLE WITH TERMINATION Ø 48

Octagonal steel poles are designed for use in illumination of roads, parks, walkways, industrial facilities, etc. The surface is protected by hot-dip galvanizing, and at the customer's request, it can also be painted according to the RAL color chart.



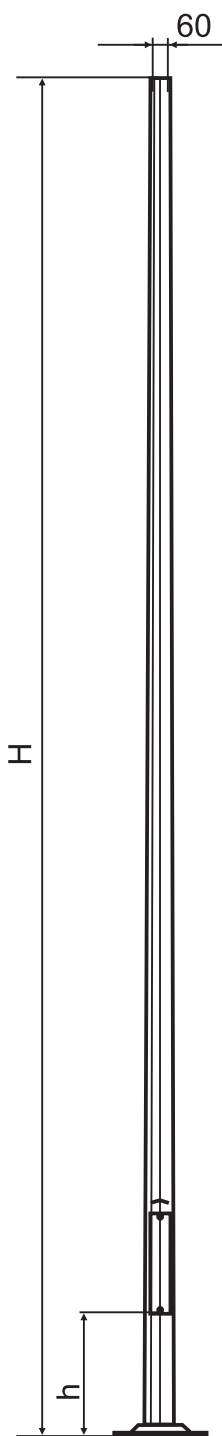
Code No.	Pole type	Pole ending	Surface protection	H m	h mm
3905330	FOS-L3-48-F	ø48	F	3	500
3905331	FOS-L3-48-Z	ø48	Zn	3	500
3905335	FOS-L3,5-48-F	ø48	F	3,5	500
3905336	FOS-L3,5-48-Z	ø48	Zn	3,5	500
3905340	FOS-L4-48-F	ø48	F	4	500
3905341	FOS-L4-48-Z	ø48	Zn	4	500
3905345	FOS-L4,5-48-F	ø48	F	4,5	500
3905346	FOS-L4,5-48-Z	ø48	Zn	4,5	500
3905350	FOS-L5-48-F	ø48	F	5	500
3905351	FOS-L5-48-Z	ø48	Zn	5	500
3905360	FOS-L6-48-F	ø48	F	6	600
3905361	FOS-L6-48-Z	ø48	Zn	6	600
3905370	FOS-L7-48-F	ø48	F	7	600
3905371	FOS-L7-48-Z	ø48	Zn	7	600
3905380	FOS-L8-48-F	ø48	F	8	800
3905381	FOS-L8-48-Z	ø48	Zn	8	800
3905390	FOS-L9-48-F	ø48	F	9	800
3905391	FOS-L9-48-Z	ø48	Zn	9	800
3905392	FOS-L10-48-F	ø48	F	10	950
3905393	FOS-L10-48-Z	ø48	Zn	10	950
3905394	FOS-L11-48-F	ø48	F	11	950
3905396	FOS-L11-48-Z	ø48	Zn	11	950
3905396	FOS-L12-48-F	ø48	F	12	950
3905397	FOS-L12-48-F	ø48	Zn	12	950

When ordering a pole, the following should be specified:

- catalog designation of the pole
- type of bracket/arm mounted on the pole
- type of luminaire mounted on the pole
- type of junction box installed in the pole

OCTAGONAL STEEL POLE WITH TERMINATION Ø 60

Octagonal steel poles are designed for use in illumination of roads, parks, walkways, industrial facilities, etc. The surface is protected by hot-dip galvanizing, and at the customer's request, it can also be painted according to the RAL color chart.

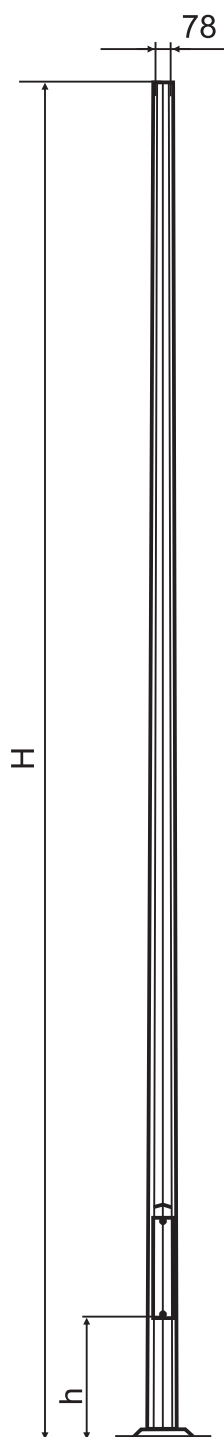


Code No.	Pole type	Pole ending	Surface protection	H m	h mm
3905430	FOS-L3-60-F	ø60	F	3	500
3905431	FOS-L3-60-Z	ø60	Zn	3	500
3905435	FOS-L3,5-60-F	ø60	F	3.5	500
3905436	FOS-L3,5-60-Z	ø60	Zn	3.5	500
3905440	FOS-L4-60-F	ø60	F	4	500
3905441	FOS-L4-60-Z	ø60	Zn	4	500
3905445	FOS-L4,5-60-F	ø60	F	4.5	500
3905446	FOS-L4,5-60-Z	ø60	Zn	4.5	500
3905450	FOS-L5-60-F	ø60	F	5	500
3905451	FOS-L5-60-Z	ø60	Zn	5	500
3905460	FOS-L6-60-F	ø60	F	6	600
3905461	FOS-L6-60-Z	ø60	Zn	6	600
3905470	FOS-L7-60-F	ø60	F	7	600
3905471	FOS-L7-60-Z	ø60	Zn	7	600
3905480	FOS-L8-60-F	ø60	F	8	800
3905481	FOS-L8-60-Z	ø60	Zn	8	800
3905490	FOS-L9-60-F	ø60	F	9	800
3905491	FOS-L9-60-Z	ø60	Zn	9	800
3905492	FOS-L10-60-F	ø60	F	10	950
3905493	FOS-L10-60-Z	ø60	Zn	10	950
3905494	FOS-L11-60-F	ø60	F	11	950
3905495	FOS-L11-60-Z	ø60	Zn	11	950
3905496	FOS-L12-60-F	ø60	F	12	950
3905497	FOS-L12-60-Z	ø60	Zn	12	950

When ordering a pole, the following should be specified:

- catalog designation of the pole
- type of bracket/arm mounted on the pole
- type of luminaire mounted on the pole
- type of junction box installed in the pole

OCTAGONAL STEEL POLE WITH TERMINATION Ø 60



Octagonal steel poles are designed for use in illumination of roads, parks, walkways, industrial facilities, etc. The surface is protected by hot-dip galvanizing, and at the customer's request, it can also be painted according to the RAL color chart.

Code No.	Pole type	Pole ending	Surface protection	H m	h mm
3905530	FOS-L3-78-F	ø78	F	3	500
3905531	FOS-L3-78-Z	ø78	Zn	3	500
3905535	FOS-L3,5-78-F	ø78	F	3,5	500
3905536	FOS-L3,5-78-Z	ø78	Zn	3,5	500
3905540	FOS-L4-78-F	ø78	F	4	500
3905541	FOS-L4-78-Z	ø78	Zn	4	500
3905545	FOS-L4,5-78-F	ø78	F	4,5	500
3905546	FOS-L4,5-78-Z	ø78	Zn	4,5	500
3905550	FOS-L5-78-F	ø78	F	5	500
3905551	FOS-L5-78-Z	ø78	Zn	5	500
3905560	FOS-L6-78-F	ø78	F	6	600
3905561	FOS-L6-78-Z	ø78	Zn	6	600
3905570	FOS-L7-78-F	ø78	F	7	600
3905571	FOS-L7-78-Z	ø78	Zn	7	600
3905580	FOS-L8-78-F	ø78	F	8	800
3905581	FOS-L8-78-Z	ø78	Zn	8	800
3905590	FOS-L9-78-F	ø78	F	9	800
3905591	FOS-L9-78-Z	ø78	Zn	9	800
3905592	FOS-L10-78-F	ø78	F	10	950
3905593	FOS-L10-78-Z	ø78	Zn	10	950
3905594	FOS-L11-78-F	ø78	F	11	950
3905595	FOS-L11-78-Z	ø78	Zn	11	950
3905596	FOS-L12-78-F	ø78	F	12	950
3905597	FOS-L12-78-Z	ø78	Zn	12	950

When ordering a pole, the following should be specified:

- catalog designation of the pole
- type of bracket/arm mounted on the pole
- type of luminaire mounted on the pole
- type of junction box installed in the pole

FIRST FEMAN LIGHTING PROGRAM - 1985

The housing and reducer are made of die-cast aluminum. The shade-reflector is made of deep-drawn sheet metal with bent edges. The light source is protected by threaded protective glass with a gasket. The degree of protection is IP65. The housing, reducer, and shade are protected by a polyester electrostatic coating. Upon customer request, we also manufacture in other colors.

OG LUMINAIRE - STRAIGHT



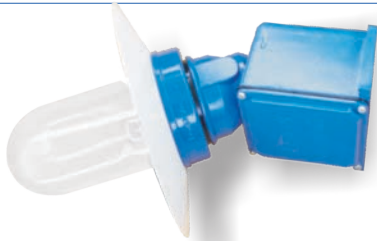
Code No.	Type	Power W	Lamp holder
3900090	100W/2	100	E-27
3900110	200W/2	200	E-27

OG LUMINAIRE - INCLINED



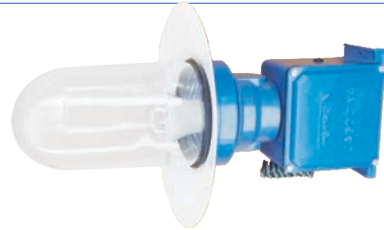
Code No.	Type	Power W	Lamp holder
3900050	100W/2	100	E-27
3900070	200W/2	200	E-27

SODIUM - MERCURY LUMINAIRE - INCLINED



Code No.	Type	Power W	Lamp holder
3900140	KOSA	70(Na)/125(Hg)	E-27

SODIUM - MERCURY LUMINAIRE - STRAIGHT



Code No.	Type	Power W	Lamp holder
3900130	RAVNA	70(Na)/125(Hg)	E-27

WATERPROOF LUMINAIRE - INCLINED



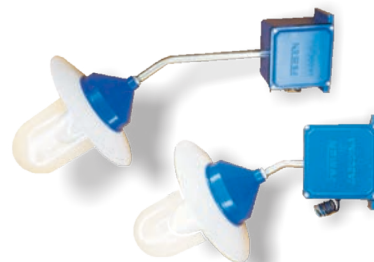
Code No.	Type	Power W	Lamp holder
3900010	100W	100	E-27
3900020	200W	200	E-27

BALLAST PF-125W WITH BASE FOR MERCURY VAPOR LAMPS



Code No.	Dimensionsmm	Packaging pcs	Weight kg/kom
3900300	103,5 x 78, 5 x72,5	1 kom	1,8

STREET POLE LUMINAIRE WITH SODIUM-MERCURY BALLAST



Code No.	Type	Power W	Lamp holder
3900150	duža cev	70(Na)/125(Hg)	E-27
3900155	kraća cev	70(Na)/125(Hg)	E-27

SHADE / REFLECTOR



Code No.	Tip	Outer diameter mm	Inner diameter mm	Packaging pcs	Weight kg/kom
3901005	S-1090	230	86	50	0,16
3901010	S-200	295	125	50	0,20

FLOODLIGHT FOR THE ILLUMINATION OF FACADES, SMALLER SPORTS FIELDS, AND LARGE BILLBOARDS



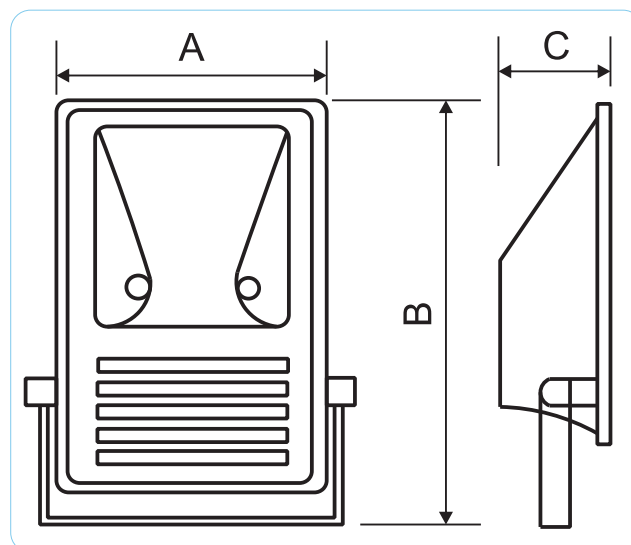
The manufacturing method of the housing (die-cast aluminum) and the surface protection executed through a powder coating process make this floodlight resistant to atmospheric influences, allowing for both indoor and outdoor use.

Through the use of fine-polished, anodized aluminum for the reflection surface, better distribution of luminous flux is achieved. The light beam is wide and evenly distributed, ensuring maximum efficiency of energy consumption.

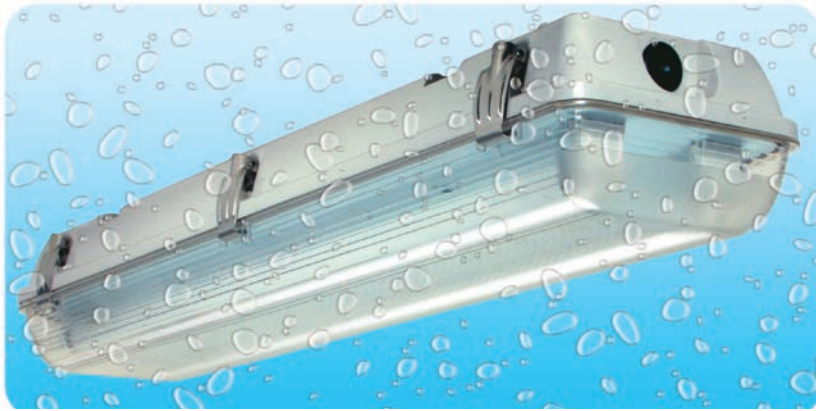
It can be adjusted to any desired position. With its compact and elegant appearance, it easily fits into all types of objects, both modern and traditional architecture. All these features make this floodlight suitable for a wide range of applications, for both outdoor and indoor installation, with its most common use being the illumination of shop windows, facades, monuments, parks, etc.

Technical data:

- Degree of protection IP 65
- Nominal voltage 220 - 240 V, 50 Hz
- Installed power 70 - 400 W
- Lamp base E27, E40



Code No.	Type	Power W	A mm	B mm	C mm
3900201	Na / MH	70 W	480	530	155
3900202	Na / MH	100 W	480	530	155
3900203	Na / MH	150 W	480	530	155
3900194	Na / MH	250 W	480	530	155
3900198	Na / MH	400 W	480	530	155



The luminaire is designed for the illumination of industrial facilities, particularly where there is an increased presence of moisture and dust. The body of the luminaire is made of ABS. The protector retaining clips are made of stainless steel. The polyurethane gasket is poured directly into the groove on the luminaire body. Polyamide cable glands ensure IP65 protection. The protector is made of transparent polycarbonate which is UV-stabilized (meaning that significant material degradation does not occur due to the effect of the ultraviolet spectrum of light radiation). The reflector made of sheet steel is powder-coated in white and UV-stabilized. We deliver the luminaire in LED or fluorescent versions.



Stainless steel latch for wa-
tertight protector - side



Stainless steel latch for wa-
tertight protector - top

Code No.	Max. power (W)	Protection degree	Dimensions (mm)	Weight (kg)
----------	----------------	-------------------	-----------------	-------------

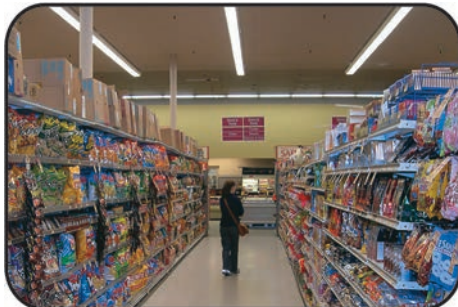
3910218	2 x 18 W	IP 65	670 x 165 x75	1,46
---------	----------	-------	---------------	------

Code No.	Max. power (W)	Protection degree	Dimensions (mm)	Weight (kg)
----------	----------------	-------------------	-----------------	-------------

3910118	1 x 18 W	IP 65	670 x 105 x75	0,9
---------	----------	-------	---------------	-----

Code No.	Max. power (W)	Protection degree	Dimensions (mm)	Weight (kg)
----------	----------------	-------------------	-----------------	-------------

3910136	1 x 36 W	IP 65	1270 x 105 x75	1,65
---------	----------	-------	----------------	------



TERMINAL CONNECTOR FOR PUBLIC LIGHTING POLES FRS 10.4 AND FRS 10.6



It is used for connecting conductors in public lighting poles. The housing is made of high-quality transparent polycarbonate with V0 self-extinguishing rating and heat resistance up to 110°C without deformation. Contacts can be made of brass profile allowing simultaneous connection of copper and aluminum conductors, or aluminum profile allowing connection of aluminum conductors only.

Code No.	Type	Clamping range	Number of connecting conductors	Packaging pcs	Weight kg/pc
900804	FRS 10.4-MS	Al (10-35) I Cu (1,5-25)	4	100	0,055
900805	FRS 10.4-AI	Al (10-35) I Al (10-35)	4	100	0,045
900806	FRS 10.6-MS	Al (10-35) I Cu (1,5-25)	6	100	0,075
900807	FRS 10.6-AI	Al (10-35) I Al (10-35)	6	100	0,065

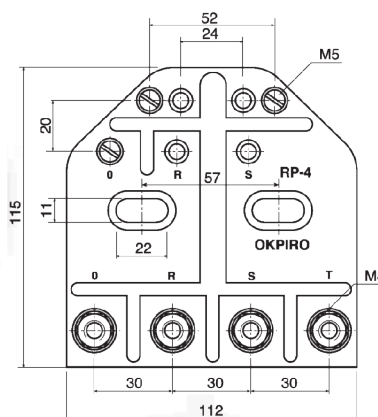
TERMINAL BOARD FOR PUBLIC LIGHTING POLES PPR IV

They are made of special polyester resin. Installed in public lighting poles.

Technical characteristics:

- Nominal voltage: 450 V
- Nominal fuse current: max. 16 A
- Number of fuses: 2
- Number of connecting conductors: 4
- Temperature endurance: -50 to 130°C

Code No.: 3900374



TERMINAL BOARD FOR PUBLIC LIGHTING POLES PPR III

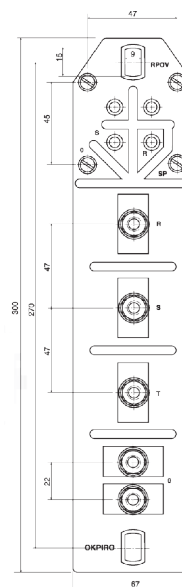
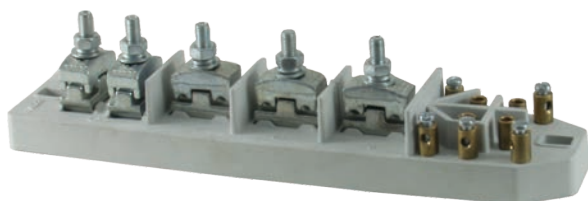
They are made of special polyester resin.

It is installed in public lighting poles of larger dimensions and with larger supply cable cross-sections.

Technical characteristics:

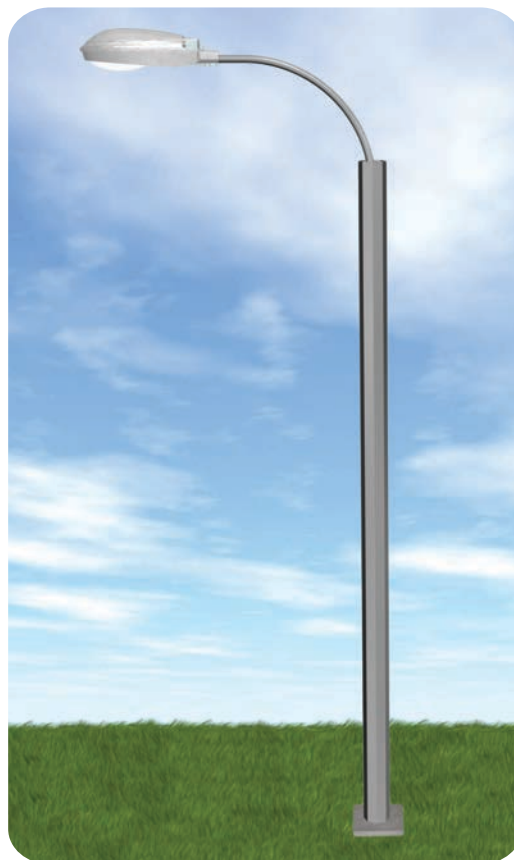
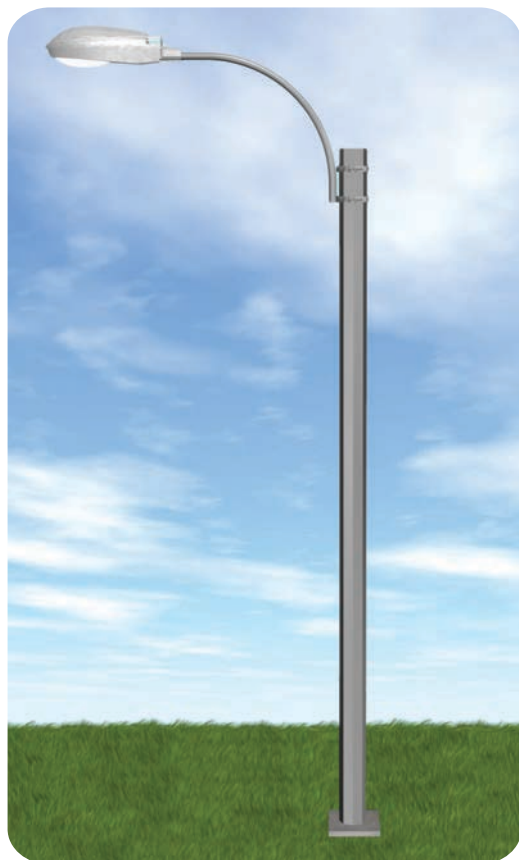
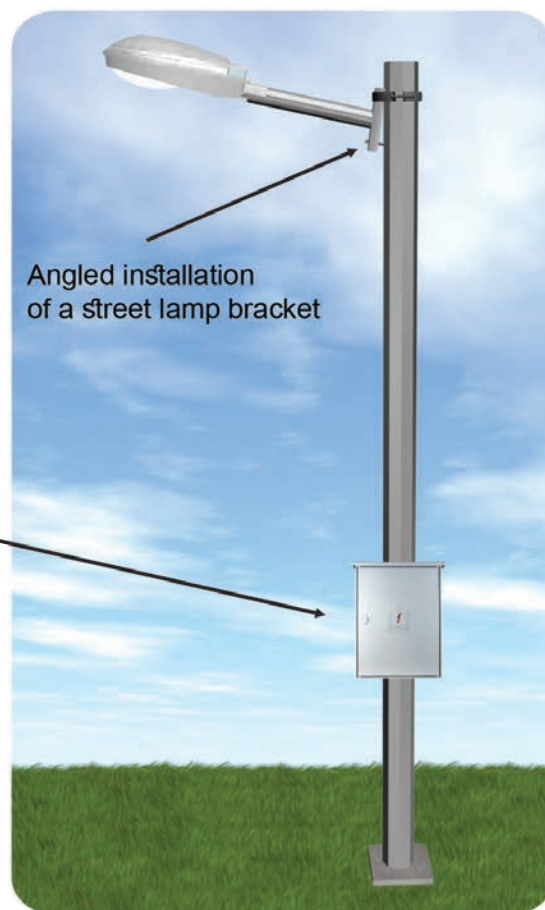
- Nominal voltage: 450 V
- Nominal fuse current: max. 16 A
- Number of fuses: 2
- Number of connecting conductors: 4
- Temperature endurance: -50 to 130°C

Code No.: 3900383



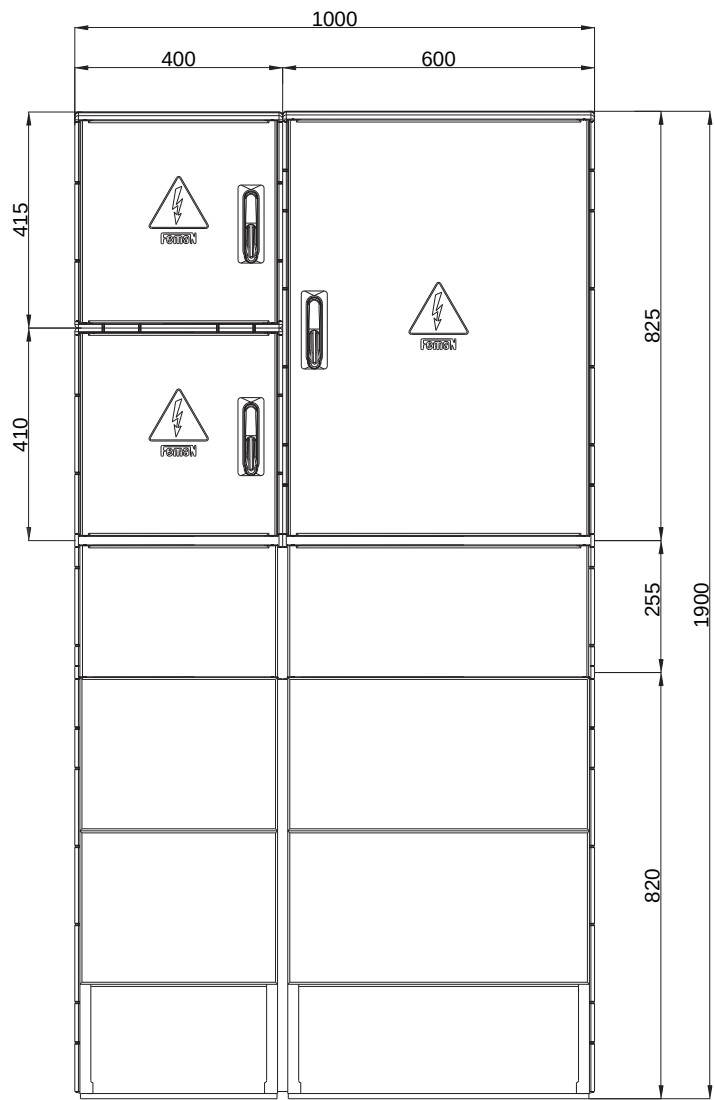


We manufacture public lighting cabinets from glass fiber reinforced molded polyester. They are resistant to static and dynamic loads and UV radiation, are self-extinguishing, and have high dielectric strength. We make them according to customer specifications with IP44, IP54, or IP65 degree of protection. For more detailed



FREE-STANDING DISTRIBUTION ENCLOSURE FOR PUBLIC LIGHTING WITH INTEGRATED CABLE CONNECTION BOX

Free-standing public lighting distribution cabinet with integrated cable junction box is intended for metering consumption, control, and power supply of public lighting.



Code No.	Type
5708106	ROJO-SSN 1000x825x300 V0
5708116	ROJO-SSN 1000x825x300 PRAZAN
5708206	ROJO-SSN 1000x1900x300 V0
5708216	ROJO-SSN 1000x1900x300 PRAZAN

Equipment layout example



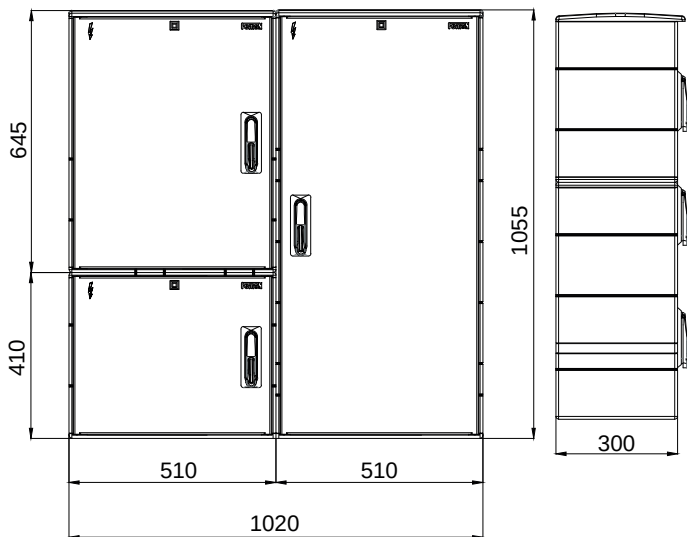
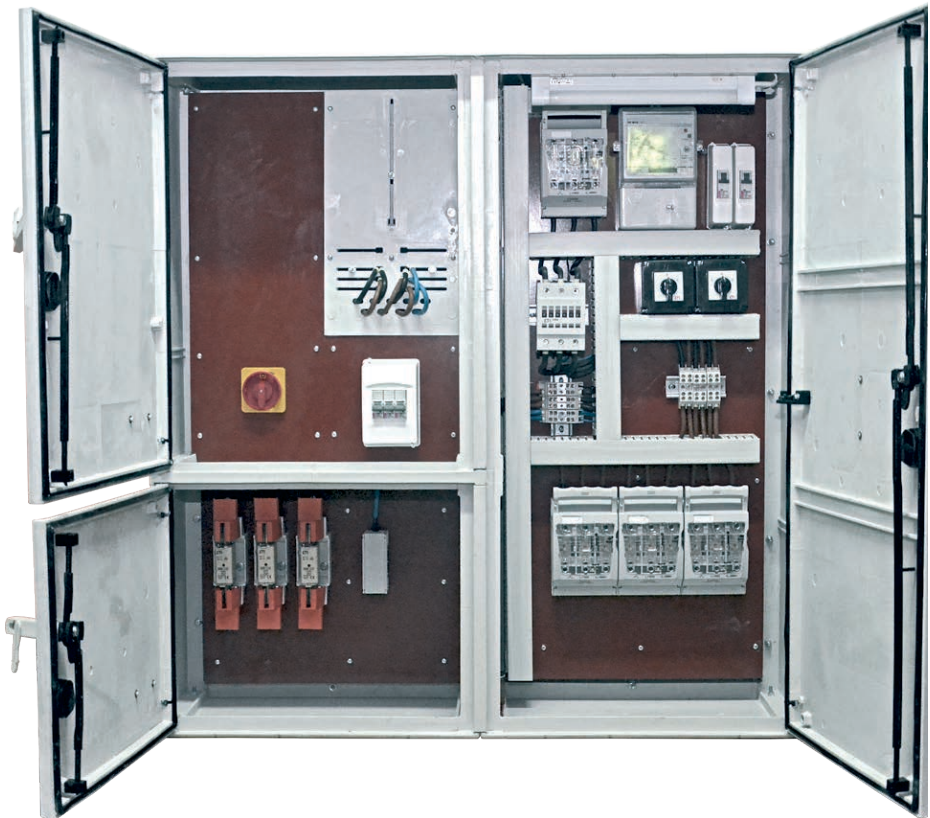
Technical data:
 Color: RAL 7035
 Degree of mechanical protection: IP 54
 Impact resistance: IK 10
 Protection class: II
 Resistance to atmospheric influences: UV stable
 Thermal stability: -40°C to +200°C

The cabinet is divided into three sections, and each section has its own door. The right section of the cabinet is used to house the public lighting control and power supply installation. The upper left section of the cabinet is used to house the lighting consumption metering installation. The lower left section of the cabinet is used to house the main supply cable connection.

The cabinets are made of glass fiber reinforced molded polyester. They are resistant to impacts, bending, moisture, dust, high and low temperatures, and have high dielectric strength. They are resistant to atmospheric influences as well as UV radiation.

**FREE-STANDING DISTRIBUTION ENCLOSURE FOR PUBLIC LIGHTING WITH INTEGRATED CABLE CONNECTION BOX
ROJO3 1020x1055x300**

Free-standing public lighting distribution cabinet with integrated cable junction box is intended for metering consumption, control, and power supply of public lighting



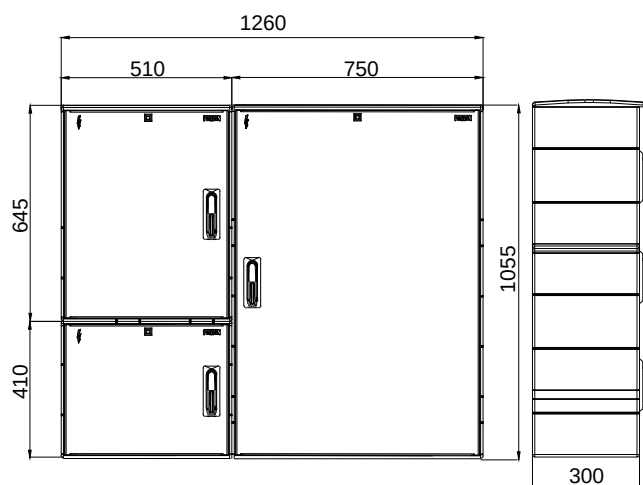
Code No.	Type
5708000	ROR3-S 1020 x 1055 x 300 P
5708001	ROR3-S 1020 x 1055 x 300 PE
5708002	ROR3-S 1020 x 1055 x 300 SS
5708003	ROR3-SSU 1020 x 2110 x 300 P
5708004	ROR3-SSU 1020 x 2110 x 300 SS

The cabinet is divided into three sections, and each section has its own door. The right section of the cabinet is used to house the public lighting control and power supply installation. The upper left section of the cabinet is used to house the lighting consumption metering installation. The lower left section of the cabinet is used to house the main supply cable connection.

The cabinets are made of glass fiber reinforced molded polyester. They are resistant to impacts, bending, moisture, dust, high and low temperatures, and have high dielectric strength. They are resistant to atmospheric influences as well as UV radiation.

FREE-STANDING DISTRIBUTION ENCLOSURE FOR PUBLIC LIGHTING WITH INTEGRATED CABLE CONNECTION BOX ROJO6 1260x1055x300

Free-standing public lighting distribution cabinet with integrated cable junction box is intended for metering consumption, control, and power supply of public lighting.



Code No.	Type
5708006	ROR6-Z 1260 x 1055 x 300 P
5708007	ROR6-Z 1260 x 1055 x 300 PE
5708008	ROR6-Z 1260 x 1055 x 300 SS
5708005	ROR6-SSU 1260 x 2110 x 300 P
5708009	ROR6-SSU 1260 x 2110 x 300 SS

The cabinet is divided into three sections, and each section has its own door. The right section of the cabinet is used to house the public lighting control and power supply installation. The upper left section of the cabinet is used to house the lighting consumption metering installation. The lower left section of the cabinet is used to house the main supply cable connection.

The cabinets are made of glass fiber reinforced molded polyester. They are resistant to impacts, bending, moisture, dust, high and low temperatures, and have high dielectric strength. They are resistant to atmospheric influences as well as UV radiation.

Feman

5

DISTRIBUTION, METERING & JUNCTION ENCLOSURES





The multipurpose modular universal cabinet is manufactured in multiple variants: for pole mounting, wall mounting, recessed wall mounting, free-standing surface mounting, and free-standing underground mounting.

The cabinet is made of pressed, flame-retardant glass-fiber reinforced polyester. It features high resistance to impacts and bending, along with high dielectric strength. It is resistant to atmospheric influences and UV radiation, poses no harmful effects to living organisms or the environment, and provides excellent mechanical and electrical protection, classifying it as a high-insulation cabinet. Adding sealing gaskets to the doors, windows, and other openings achieves a high ingress protection rating of IP 54.

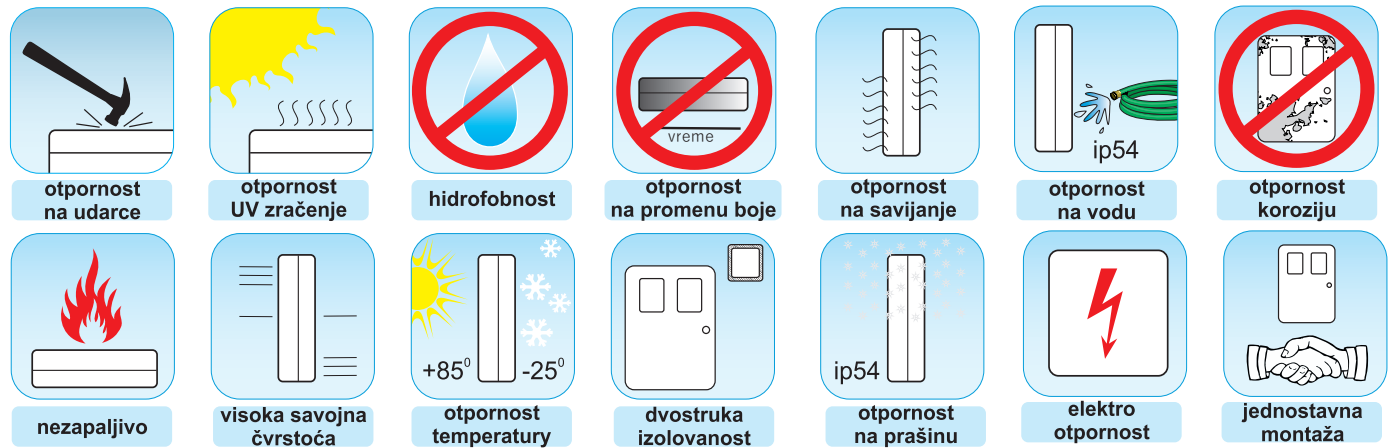
Due to its technical characteristics, it can be used in humid environments, areas with high concentrations of acids, dust, and salt, thermal power plants, environments subject to high or low temperatures, industrial facilities, and similar demanding applications. Operation is simple and maintenance-free, with strong resistance to both high and low temperatures, ensuring easy and straightforward assembly and installation.

In compliance with European standards and regulations, we have developed a wide range of complementary internal accessories and equipment. Upon customer request, cabinets can be delivered fully equipped and wired according to provided technical specifications.

SPECIFICATION SYMBOLS FOR METERING AND DISTRIBUTION CABINETS

- | | |
|--|--|
| S Pole mounted | SSN Free-standing above-ground |
| Z On-wall mounted | SSU Free-standing underground |
| U In-wall mounted | SSUK Free-standing underground with (CCC) Cable Junction Box |
| P Empty (unfitted) | |
| PT Empty with meter board and insulated junction box | |
| PE Empty with flat extruded panel | |
| PS Empty with meter board, insulated junction box, and terminal blocks | |
| SS Pre-wired with meter board, insulated junction box, and terminal blocks | |
| SL Pre-wired with meter board, insulated junction box, terminal blocks, and circuit breakers (limiters) | |
| SB Pre-wired with meter board, insulated junction box, terminal blocks, circuit breakers (limiters), and meter | |

TECHNICAL SPECIFICATIONS OF FEMAN MODULAR METERING AND DISTRIBUTION CABINETS





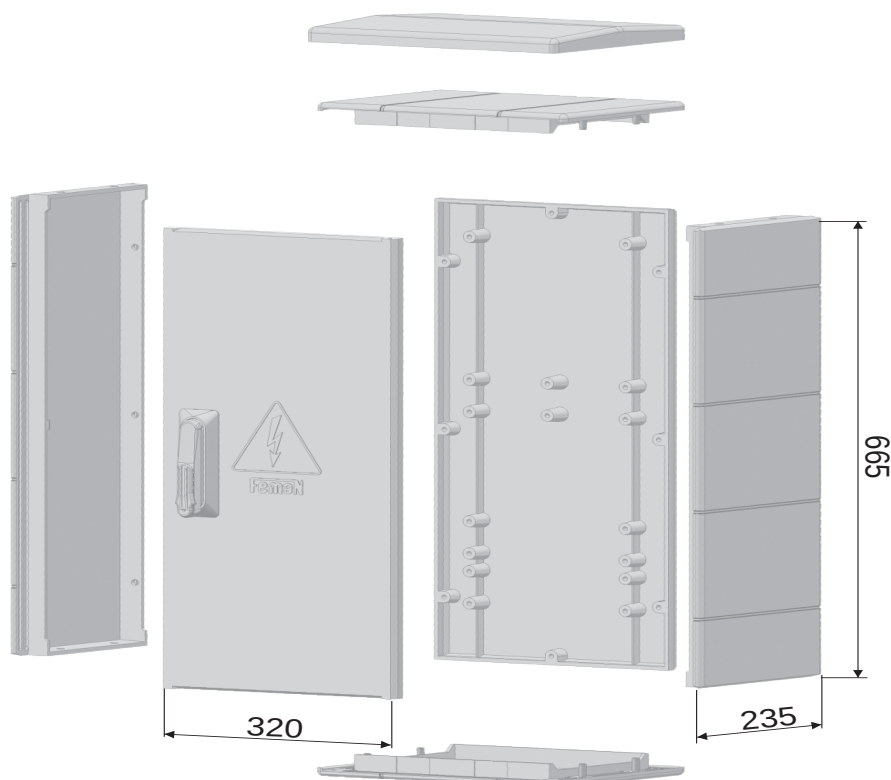
Used for mounting a single metering device. For installing multiple metering devices, units can be arranged side-by-side and vertically stacked.

The multipurpose modular universal cabinet is manufactured in multiple variants: for pole mounting, wall mounting, recessed wall mounting, free-standing surface mounting, and free-standing underground mounting.

The cabinet is made of pressed, flame-retardant glass-fiber reinforced polyester. It features high resistance to impacts and bending, along with high dielectric strength. It is resistant to atmospheric influences and UV radiation, poses no harmful effects to living organisms or the environment, and provides excellent mechanical and electrical protection, classifying it as a high-insulation cabinet. Adding sealing gaskets to the doors, windows, and other openings achieves a high ingress protection rating of IP 54.

Due to its technical characteristics, it can be used in humid environments, areas with high concentrations of acids, dust, and salt, thermal power plants, environments subject to high or low temperatures, industrial facilities, and similar demanding applications. Operation is simple and maintenance-free, with strong resistance to both high and low temperatures, ensuring easy and straightforward assembly and installation.

In compliance with European standards and regulations, we have developed a wide range of complementary internal accessories and equipment. Upon customer request, cabinets can be delivered fully equipped and wired according to provided technical





POLE-MOUNTED MRO1-S 320x665x235



CABINETS FOR POLE
MOUNTING WITH BACK BRACKETS

Code No.	Type
5701010	MRO1-S 320x665x235 P
5701020	MRO1-S 320x665x235 PT
5701030	MRO1-S 320x665x235 PE
5701040	MRO1-S 320x665x235 PS
5701050	MRO1-S 320x665x235 SS
5701060	MRO1-S 320x665x235 SL
5701070	MRO1-S 320x665x235 SB

WALL-MOUNTED MRO1-Z 320x665x235



CABINETS FOR ON-WALL
MOUNTING WITH SLOPED ROOF

Code No.	Type
5701110	MRO1-Z 320x665x235 P
5701120	MRO1-Z 320x665x235 PT
5701130	MRO1-Z 320x665x235 PE
5701140	MRO1-Z 320x665x235 PS
5701150	MRO1-Z 320x665x235 SS
5701160	MRO1-Z 320x665x235 SL
5701170	MRO1-Z 320x665x235 SB

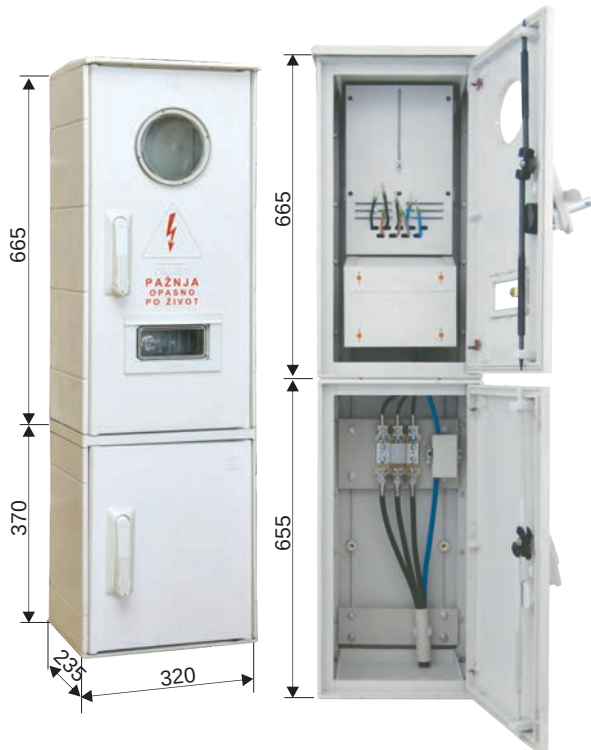
IN-WALL-MOUNTED MRO1-U 320x665x235



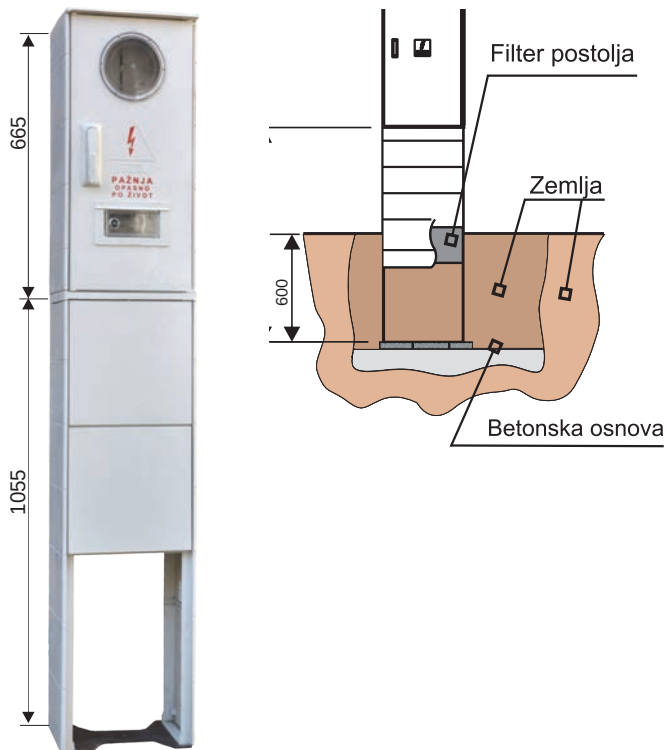
CABINETS FOR ON-WALL
MOUNTING WITHOUT SLOPED ROOF

Code No.	Type
5701210	MRO1-U 320x665x235 P
5701220	MRO1-U 320x665x235 PT
5701230	MRO1-U 320x665x235 PE
5701240	MRO1-U 320x665x235 PS
5701250	MRO1-U 320x665x235 SS
5701260	MRO1-U 320x665x235 SL
5701270	MRO1-U 320x665x235 SB

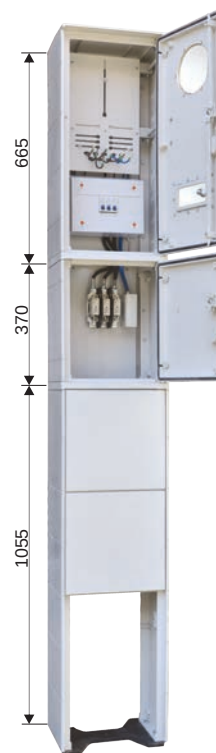
FREE-STANDING ABOVE-GROUND CABINET



Code No.	Type
5701310	MRO1-SSN 320x1035x235 P
5701320	MRO1-SSN 320x1035x235 PT
5701330	MRO1-SSN 320x1035x235 PE
5701340	MRO1-SSN 320x1035x235 PS
5701350	MRO1-SSN 320x1035x235 SS
5701360	MRO1-SSN 320x1035x235 SL
5701370	MRO1-SSN 320x1035x235 SB

FREE-STANDING - UNDERGROUND CABINETS
MRO1-SSU 320x1720x235FREE-STANDING - UNDERGROUND CABINETS
WITH CCC MRO1-SSUK 320x2090x235

Code No.	Type
5701410	MRO1-SSU 320x1720x235 P
5701420	MRO1-SSU 320x1720x235 PT
5701430	MRO1-SSU 320x1720x235 PE
5701440	MRO1-SSU 320x1720x235 PS
5701450	MRO1-SSU 320x1720x235 SS
5701460	MRO1-SSU 320x1720x235 SL
5701470	MRO1-SSU 320x1720x235 SB



Code No.	Type
5701411	MRO1-SSUK 320x2090x235 P
5701421	MRO1-SSUK 320x2090x235 PT
5701431	MRO1-SSUK 320x2090x235 PE
5701441	MRO1-SSUK 320x2090x235 PS
5701451	MRO1-SSUK 320x2090x235 SS
5701461	MRO1-SSUK 320x2090x235 SL
5701471	MRO1-SSUK 320x2090x235 SB



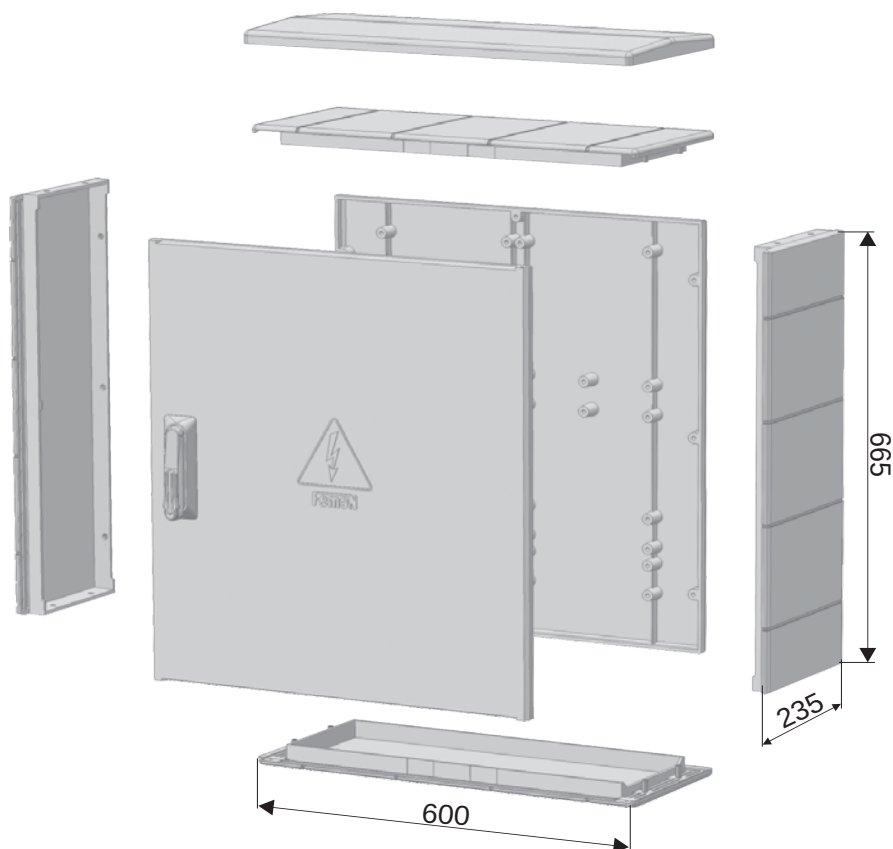
We produce the multi-purpose modular universal cabinet in several variants: for pole mounting, on-wall mounting, in-wall mounting, as a free-standing above-ground unit, and as a free-standing underground unit.

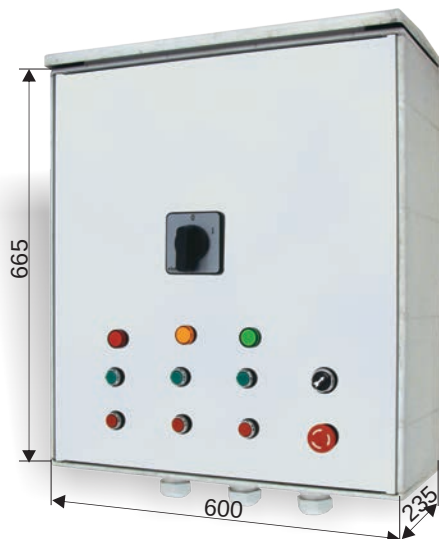
The cabinet is manufactured from pressed flame-retardant glass-fiber reinforced polyester. It is resistant to impact and bending, with high dielectric strength. It is resistant to atmospheric influences and UV radiation. It causes no harmful effects on living organisms or the environment. It provides excellent mechanical and electrical protection and falls into the category of highly insulated cabinets. High ingress protection (IP 54) is achieved by adding sealing gaskets to the doors, windows, and other openings.

Due to its technical characteristics, it can be used in damp areas, environments with high concentrations of acids, dust, and salts, thermal power plants, facilities with high and low ambient temperatures, industrial halls, etc. Operation is simple and maintenance-free, and the cabinet is resistant to extreme high and low temperatures. Mounting and installation are quick and straightforward.

In accordance with European standards and regulations, we have developed a wide range of complementary cabinet installation equipment. Upon request, we supply fully equipped (pre-wired) cabinets tailored to the buyer's technical instructions.

It is used for mounting a single metering device. For mounting multiple metering devices, they can be arranged side-by-side and stacked vertically.





POLE-MOUNTED MRO2-S 600x665x235



CABINETS FOR POLE MOUNTING WITH BACK BRACKETS

Code No.	Type
5702010	MRO2-S 600x665x235 P
5702020	MRO2-S 600x665x235 PT
5702030	MRO2-S 600x665x235 PE
5702040	MRO2-S 600x665x235 PS
5702050	MRO2-S 600x665x235 SS
5702060	MRO2-S 600x665x235 SL
5702070	MRO2-S 600x665x235 SB

WALL-MOUNTED MRO2-Z 600x665x235



CABINETS FOR ON-WALL MOUNTING WITH SLOPED ROOF

Code No.	Type
5702110	MRO2-Z 600x665x235 P
5702120	MRO2-Z 600x665x235 PT
5702130	MRO2-Z 600x665x235 PE
5702140	MRO2-Z 600x665x235 PS
5702150	MRO2-Z 600x665x235 SS
5702160	MRO2-Z 600x665x235 SL
5702170	MRO2-Z 600x665x235 SB

IN-WALL-MOUNTED MRO2-U 600x665x235



Code No.	Type
5702210	MRO2-U 600x665x235 P
5702220	MRO2-U 600x665x235 PT
5702230	MRO2-U 600x665x235 PE
5702240	MRO2-U 600x665x235 PS
5702250	MRO2-U 600x665x235 SS
5702260	MRO2-U 600x665x235 SL
5702270	MRO2-U 600x665x235 SB

FREE-STANDING ABOVE-GROUND CABINETI MRO2-SSN 600x1035x235

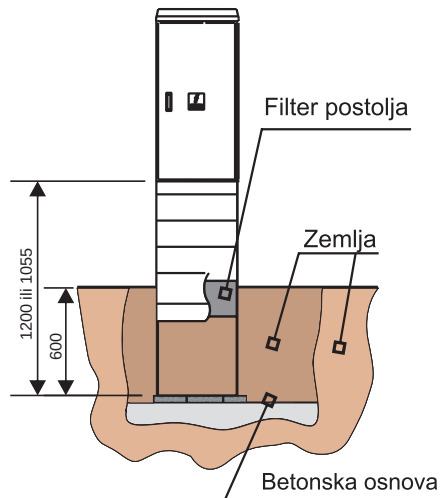


Code No.	Type
5702310	MRO2-SSN 600x1035x235 P
5702320	MRO2-SSN 600x1035x235 PT
5702330	MRO2-SSN 600x1035x235 PE
5702340	MRO2-SSN 600x1035x235 PS
5702350	MRO2-SSN 600x1035x235 SS
5702360	MRO2-SSN 600x1035x235 SL
5702370	MRO2-SSN 600x1035x235 SB

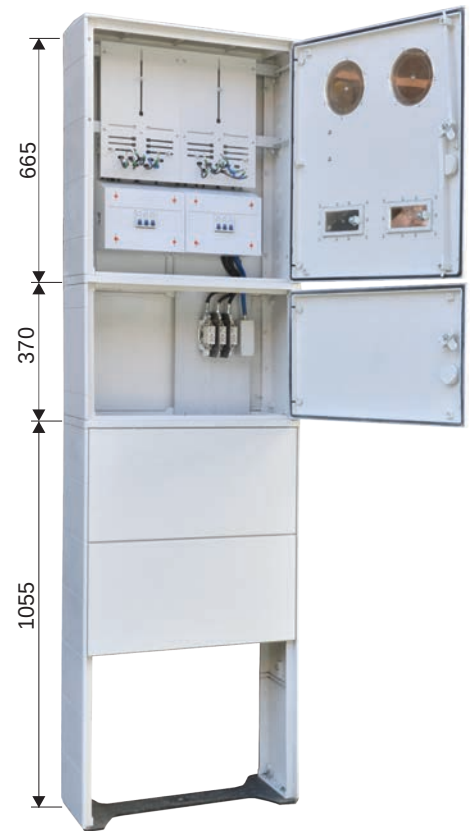
Free-standing above-ground cabinets can be mounted on polyester underground bases.

FREE-STANDING - UNDERGROUND CABINETS
MRO2-SSU 600x1720x235

Način postavljanja
uzemnog postolja



Code No.	Type
5702410	MRO2-SSU 600x1720x235 P
5702420	MRO2-SSU 600x1720x235 PT
5702430	MRO2-SSU 600x1720x235 PE
5702440	MRO2-SSU 600x1720x235 PS
5702450	MRO2-SSU 600x1720x235 SS
5702460	MRO2-SSU 600x1720x235 SL
5702470	MRO2-SSU 600x1720x235 SB

FREE-STANDING - UNDERGROUND CABINETS
MRO2-SSU 600x1720x235

Code No.	Type
5702411	MRO2-SSUK 600x2090x235 P
5702421	MRO2-SSUK 600x2090x235 PT
5702431	MRO2-SSUK 600x2090x235 PE
5702441	MRO2-SSUK 600x2090x235 PS
5702451	MRO2-SSUK 600x2090x235 SS
5702461	MRO2-SSUK 600x2090x235 SL
5702471	MRO2-SSUK 600x2090x235 SB



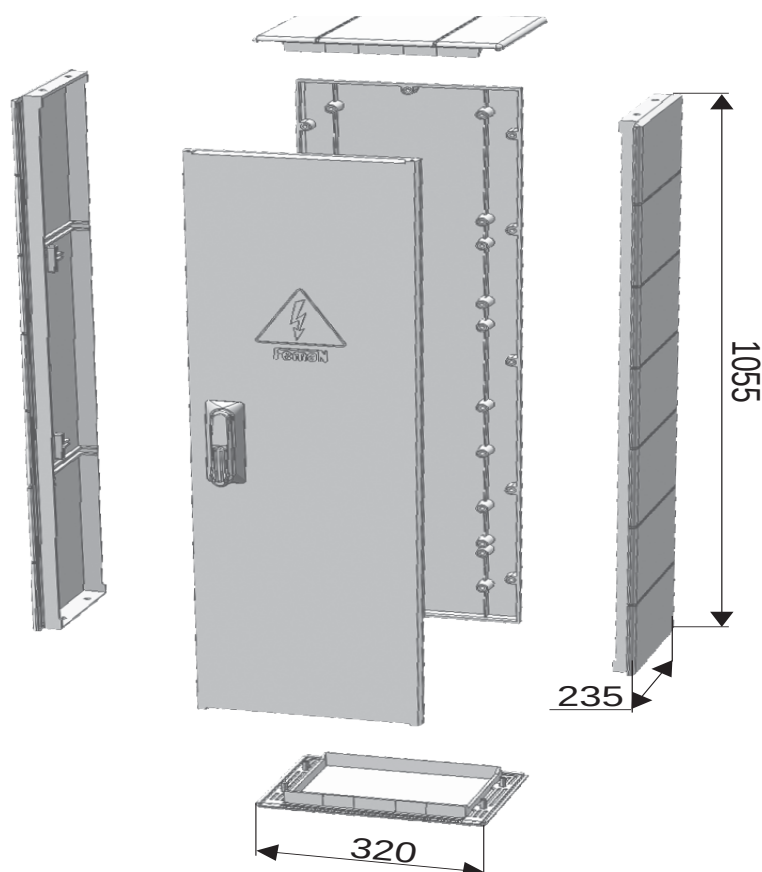
We produce the multi-purpose modular universal cabinet in several variants: for pole mounting, on-wall mounting, in-wall mounting, as a free-standing above-ground unit, and as a free-standing underground unit.

The cabinet is manufactured from pressed flame-retardant glass-fiber reinforced polyester. It is resistant to impact and bending, with high dielectric strength. It is resistant to atmospheric influences and UV radiation. It causes no harmful effects on living organisms or the environment. It provides excellent mechanical and electrical protection and falls into the category of highly insulated cabinets. High ingress protection (IP 54) is achieved by adding sealing gaskets to the doors, windows, and other openings.

Due to its technical characteristics, it can be used in damp areas, environments with high concentrations of acids, dust, and salts, thermal power plants, facilities with high and low ambient temperatures, industrial halls, etc. Operation is simple and maintenance-free, and the cabinet is resistant to extreme high and low temperatures. Mounting and installation are quick and straightforward.

In accordance with European standards and regulations, we have developed a wide range of complementary cabinet installation equipment. Upon request, we supply fully equipped (pre-wired) cabinets tailored to the buyer's technical instructions.

It is used for mounting a single metering device. For mounting multiple metering devices, they can be arranged side-by-side and stacked vertically.





POLE-MOUNTED MRO2V-S 320x1055x235



Code No.	Type
5703010	MRO2V-S 320x1055x235 P
5703020	MRO2V-S 320x1055x235 PT
5703030	MRO2V-S 320x1055x235 PE
5703040	MRO2V-S 320x1055x235 PS
5703050	MRO2V-S 320x1055x235 SS
5703060	MRO2V-S 320x1055x235 SL
5703070	MRO2V-S 320x1055x235 SB

They can be used as metering cabinets, combined metering and control cabinets, street lighting cabinets, distribution cabinets, control cabinets for industrial automation, etc.

Distribution,
metering & junction enclosures

WALL-MOUNTED MRO2V-Z 320x1055x235



Code No.	Type
5703110	MRO2V-Z 320x1055x235 P
5703120	MRO2V-Z 320x1055x235 PT
5703130	MRO2V-Z 320x1055x235 PE
5703140	MRO2V-Z 320x1055x235 PS
5703150	MRO2V-Z 320x1055x235 SS
5703160	MRO2V-Z 320x1055x235 SL
5703170	MRO2V-Z 320x1055x235 SB

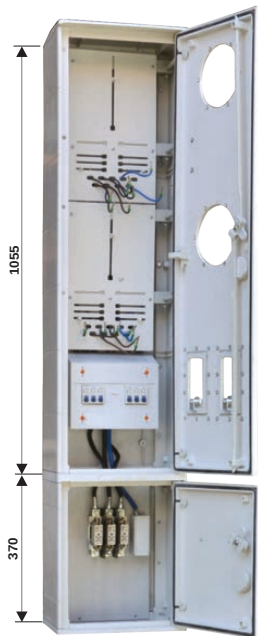
IN-WALL-MOUNTED ORMANI MRO2V-U 320x1055x235



Code No.	Type
5703210	MRO2V-U 320x1055x235 P
5703220	MRO2V-U 320x1055x235 PT
5703230	MRO2V-U 320x1055x235 PE
5703240	MRO2V-U 320x1055x235 PS
5703250	MRO2V-U 320x1055x235 SS
5703260	MRO2V-U 320x1055x235 SL
5703270	MRO2V-U 320x1055x235 SB

FREE-STANDING ABOVE-GROUND CABINETI MRO2V-SSN 320x1425x235

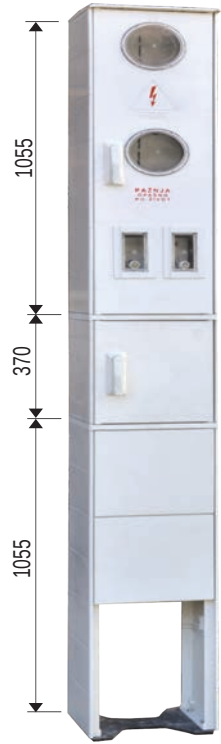
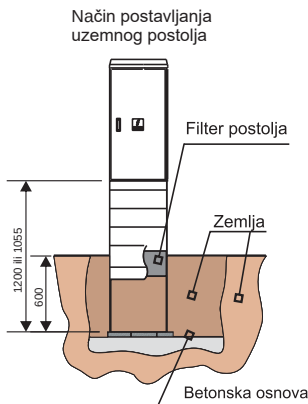
Distribution,
metering & junction enclosures



Code No.	Type
5703410	MRO2V-SSU 320x2110x235 P
5703420	MRO2V-SSU 320x2110x235 PT
5703430	MRO2V-SSU 320x2110x235 PE
5703440	MRO2V-SSU 320x2110x235 PS
5703450	MRO2V-SSU 320x2110x235 SS
5703460	MRO2V-SSU 320x2110x235 SL
5703470	MRO2V-SSU 320x2110x235 SB

FREE-STANDING - UNDERGROUND CABINETS
MRO2V-SSU 320x2110x235

FREE-STANDING - UNDERGROUND CABINETS
MRO2V-SSU 320x2110x235



Code No.	Type
5703310	MRO2V-SSN 320x1425x235 P
5703320	MRO2V-SSN 320x1425x235 PT
5703330	MRO2V-SSN 320x1425x235 PE
5703340	MRO2V-SSN 320x1425x235 PS
5703350	MRO2V-SSN 320x1425x235 SS
5703360	MRO2V-SSN 320x1425x235 SL
5703370	MRO2V-SSN 320x1425x235 SB

Code No.	Type
5703411	MRO2V-SSUK 320x2480x235 P
5703421	MRO2V-SSUK 320x2480x235 PT
5703431	MRO2V-SSUK 320x2480x235 PE
5703441	MRO2V-SSUK 320x2480x235 PS
5703451	MRO2V-SSUK 320x2480x235 SS
5703461	MRO2V-SSUK 320x2480x235 SL
5703471	MRO2V-SSUK 320x2480x235 SB



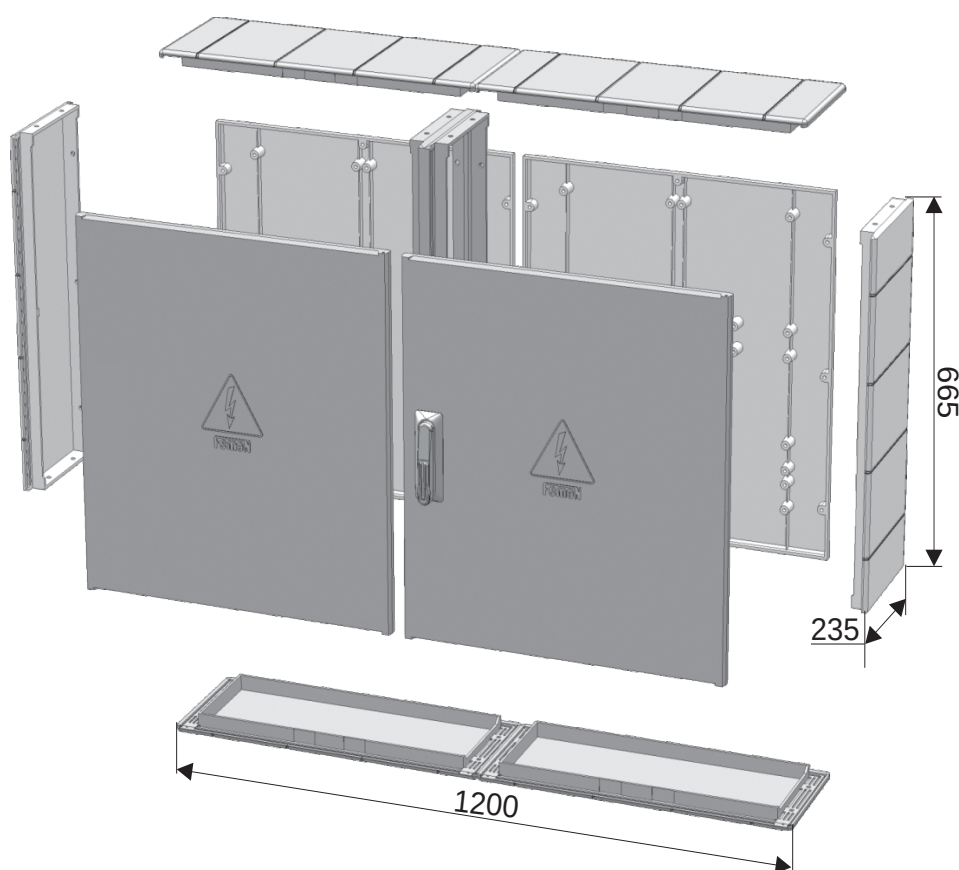
We produce the multi-purpose modular universal cabinet in several variants: for pole mounting, on-wall mounting, in-wall mounting, as a free-standing above-ground unit, and as a free-standing underground unit.

The cabinet is manufactured from pressed flame-retardant glass-fiber reinforced polyester. It is resistant to impact and bending, with high dielectric strength. It is resistant to atmospheric influences and UV radiation. It causes no harmful effects on living organisms or the environment. It provides excellent mechanical and electrical protection and falls into the category of highly insulated cabinets. High ingress protection (IP 54) is achieved by adding sealing gaskets to the doors, windows, and other openings.

Due to its technical characteristics, it can be used in damp areas, environments with high concentrations of acids, dust, and salts, thermal power plants, facilities with high and low ambient temperatures, industrial halls, etc. Operation is simple and maintenance-free, and the cabinet is resistant to extreme high and low temperatures. Mounting and installation are quick and straightforward.

In accordance with European standards and regulations, we have developed a wide range of complementary cabinet installation equipment. Upon request, we supply fully equipped (pre-wired) cabinets tailored to the buyer's technical instructions.

It is used for mounting a single metering device. For mounting multiple metering devices, they can be arranged side-by-side and stacked vertically.





POLE-MOUNTED MRO4H-S 1200x665x235



Code No.	Type
5705010	MRO4H-S 1200x665x235 P
5705020	MRO4H-S 1200x665x235 PT
5705030	MRO4H-S 1200x665x235 PE
5705040	MRO4H-S 1200x665x235 PS
5705050	MRO4H-S 1200x665x235 SS
5705060	MRO4H-S 1200x665x235 SL
5705070	MRO4H-S 1200x665x235 SB

WALL-MOUNTED MRO4H-Z 1200x665x235



Code No.	Type
5705110	MRO4H-Z 1200x665x235 P
5705120	MRO4H-Z 1200x665x235 PT
5705130	MRO4H-Z 1200x665x235 PE
5705140	MRO4H-Z 1200x665x235 PS
5705150	MRO4H-Z 1200x665x235 SS
5705160	MRO4H-Z 1200x665x235 SL
5705170	MRO4H-Z 1200x665x235 SB

IN-WALL-MOUNTED MRO4H-U 1200x665x235



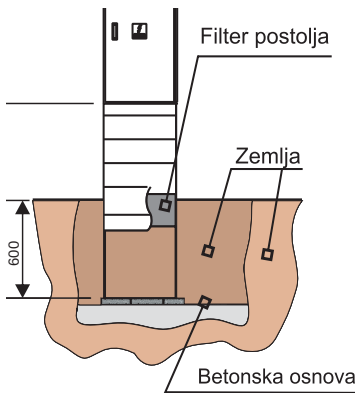
Code No.	Type
5705210	MRO4H-U 1200x665x235 P
5705220	MRO4H-U 1200x665x235 PT
5705230	MRO4H-U 1200x665x235 PE
5705240	MRO4H-U 1200x665x235 PS
5705250	MRO4H-U 1200x665x235 SS
5705260	MRO4H-U 1200x665x235 SL
5705270	MRO4H-U 1200x665x235 SB

FREE-STANDING ABOVE-GROUND MRO4H-SSN 1200x1035x235



Code No.	Type
5705310	MRO4H-SSN 1200x1035x235 P
5705320	MRO4H-SSN 1200x1035x235 PT
5705330	MRO4H-SSN 1200x1035x235 PE
5705340	MRO4H-SSN 1200x1035x235 PS
5705350	MRO4H-SSN 1200x1035x235 SS
5705360	MRO4H-SSN 1200x1035x235 SL
5705370	MRO4H-SSN 1200x1035x235 SB

FREE-STANDING - UNDERGROUND CABINETS SA CCC-om
MRO4H-SSUK 1200x2090x235



Code No.	Type
5705410	MRO4H-SSU 1200x1720x235 P
5705420	MRO4H-SSU 1200x1720x235 PT
5705430	MRO4H-SSU 1200x1720x235 PE
5705440	MRO4H-SSU 1200x1720x235 PS
5705450	MRO4H-SSU 1200x1720x235 SS
5705460	MRO4H-SSU 1200x1720x235 SL
5705470	MRO4H-SSU 1200x1720x235 SB

Code No.	Type
5705411	MRO4H-SSUK 1200x2090x235 P
5705421	MRO4H-SSUK 1200x2090x235 PT
5705431	MRO4H-SSUK 1200x2090x235 PE
5705441	MRO4H-SSUK 1200x2090x235 PS
5705451	MRO4H-SSUK 1200x2090x235 SS
5705461	MRO4H-SSUK 1200x2090x235 SL
5705471	MRO4H-SSUK 1200x2090x235 SB



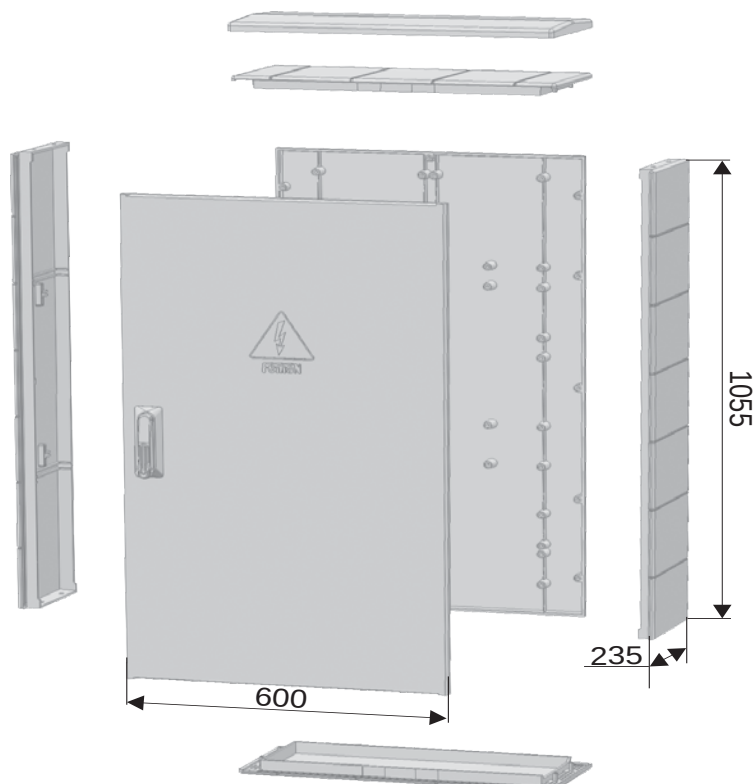
We produce the multi-purpose modular universal cabinet in several variants: for pole mounting, on-wall mounting, in-wall mounting, as a free-standing above-ground unit, and as a free-standing underground unit.

The cabinet is manufactured from pressed flame-retardant glass-fiber reinforced polyester. It is resistant to impact and bending, with high dielectric strength. It is resistant to atmospheric influences and UV radiation. It causes no harmful effects on living organisms or the environment. It provides excellent mechanical and electrical protection and falls into the category of highly insulated cabinets. High ingress protection (IP 54) is achieved by adding sealing gaskets to the doors, windows, and other openings.

Due to its technical characteristics, it can be used in damp areas, environments with high concentrations of acids, dust, and salts, thermal power plants, facilities with high and low ambient temperatures, industrial halls, etc. Operation is simple and maintenance-free, and the cabinet is resistant to extreme high and low temperatures. Mounting and installation are quick and straightforward.

In accordance with European standards and regulations, we have developed a wide range of complementary cabinet installation equipment. Upon request, we supply fully equipped (pre-wired)

It is used for mounting a single metering device. For mounting multiple metering devices, they can be arranged side-by-side and stacked vertically.





They can be used as metering cabinets, combined metering and control cabinets, street lighting cabinets, distribution cabinets, control cabinets for industrial automation, etc.

POLE-MOUNTED MRO4-S 600x1055x235



Code No.	Type
5704010	MRO4-S 600x1055x235 P
5704020	MRO4-S 600x1055x235 PT
5704030	MRO4-S 600x1055x235 PE
5704040	MRO4-S 600x1055x235 PS
5704050	MRO4-S 600x1055x235 SS
5704060	MRO4-S 600x1055x235 SL
5704070	MRO4-S 600x1055x235 SB

WALL-MOUNTED MRO4-Z 600x1055x235



Code No.	Type
5704110	MRO4-Z 600x1055x235 P
5704120	MRO4-Z 600x1055x235 PT
5704130	MRO4-Z 600x1055x235 PE
5704140	MRO4-Z 600x1055x235 PS
5704150	MRO4-Z 600x1055x235 SS
5704160	MRO4-Z 600x1055x235 SL
5704170	MRO4-Z 600x1055x235 SB

IN-WALL-MOUNTED MRO4-U 600x1055x235



Code No.	Type
5704210	MRO4-U 600x1055x235 P
5704220	MRO4-U 600x1055x235 PT
5704230	MRO4-U 600x1055x235 PE
5704240	MRO4-U 600x1055x235 PS
5704250	MRO4-U 600x1055x235 SS
5704260	MRO4-U 600x1055x235 SL
5704270	MRO4-U 600x1055x235 SB

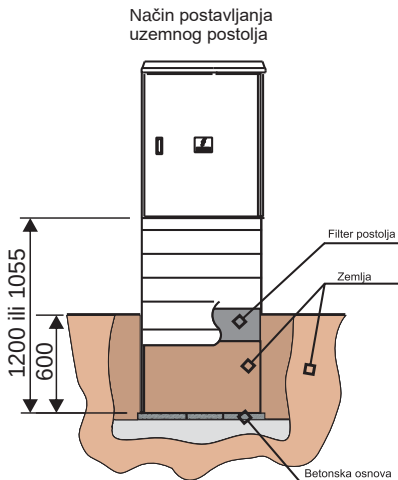
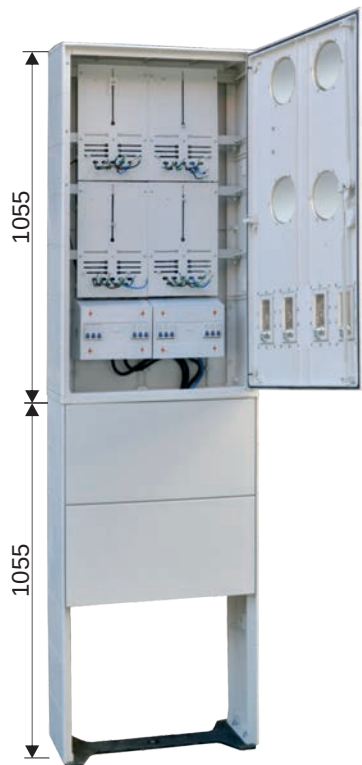
FREE-STANDING ABOVE-GROUND MRO4-SSN 600x1425x235



Code No.	Type
5704310	MRO4-SSN 600x1425x235 P
5704320	MRO4-SSN 600x1425x235 PT
5704330	MRO4-SSN 600x1425x235 PE
5704340	MRO4-SSN 600x1425x235 PS
5704350	MRO4-SSN 600x1425x235 SS
5704360	MRO4-SSN 600x1425x235 SL
5704370	MRO4-SSN 600x1425x235 SB

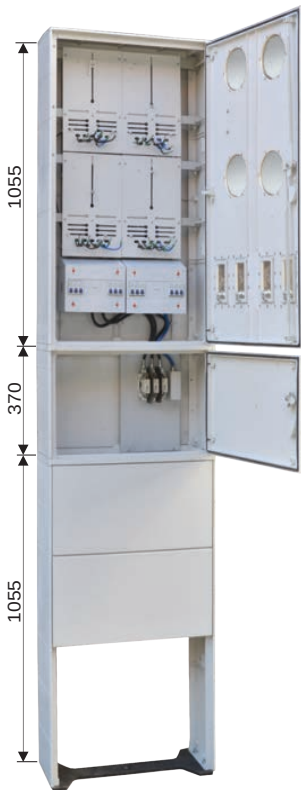
Slobodnostojeći nadzemni

FREE-STANDING - UNDERGROUND CABINETS
MRO4-SSU 600x2110x235



Code No.	Type
5704410	MRO4-SSU 600x2110x235 P
5704420	MRO4-SSU 600x2110x235 PT
5704430	MRO4-SSU 600x2110x235 PE
5704440	MRO4-SSU 600x2110x235 PS
5704450	MRO4-SSU 600x2110x235 SS
5704460	MRO4-SSU 600x2110x235 SL
5704470	MRO4-SSU 600x2110x235 SB

FREE-STANDING - UNDERGROUND CABINETS SA CCC-om
MRO4-SSUK 600x2480x235



Code No.	Type
5704411	MRO4-SSUK 600x2480x235 P
5704421	MRO4-SSUK 600x2480x235 PT
5704431	MRO4-SSUK 600x2480x235 PE
5704441	MRO4-SSUK 600x2480x235 PS
5704451	MRO4-SSUK 600x2480x235 SS
5704461	MRO4-SSUK 600x2480x235 SL
5704471	MRO4-SSUK 600x2480x235 SB

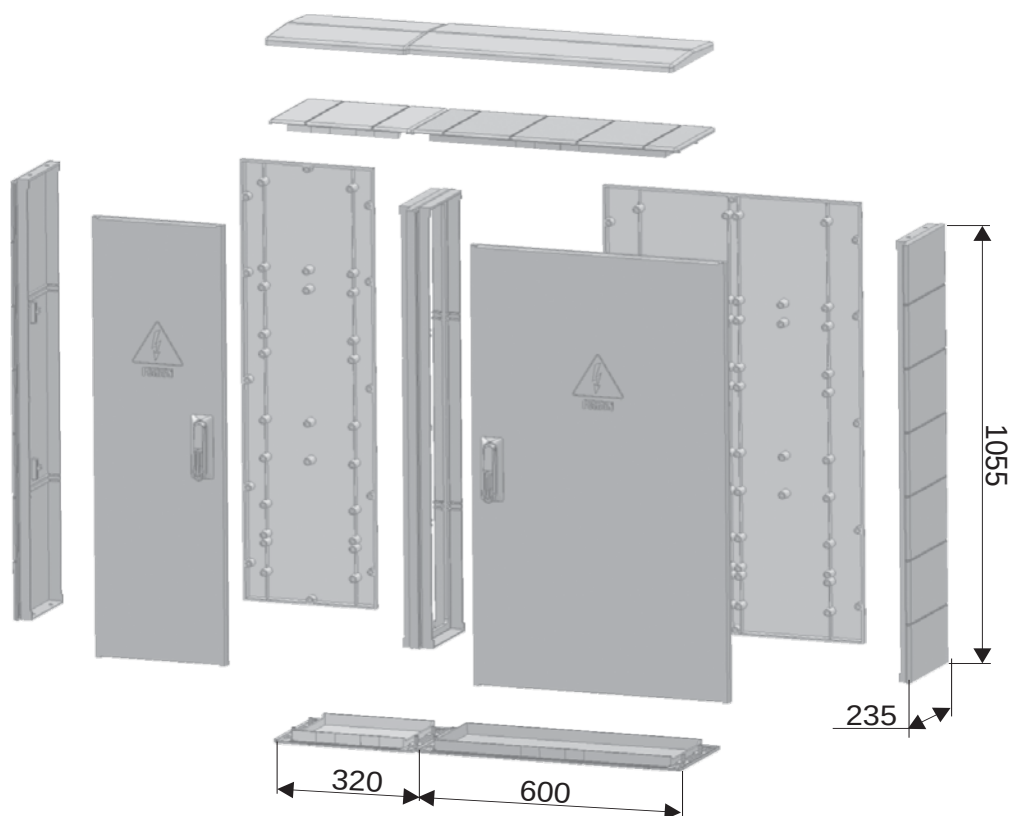


We produce the multi-purpose modular universal cabinet in several variants: for pole mounting, on-wall mounting, in-wall mounting, as a free-standing above-ground unit, and as a free-standing underground unit.

The cabinet is manufactured from pressed flame-retardant glass-fiber reinforced polyester. It is resistant to impact and bending, with high dielectric strength. It is resistant to atmospheric influences and UV radiation. It causes no harmful effects on living organisms or the environment. It provides excellent mechanical and electrical protection and falls into the category of highly insulated cabinets. High ingress protection (IP 54) is achieved by adding sealing gaskets to the doors, windows, and other openings.

Due to its technical characteristics, it can be used in damp areas, environments with high concentrations of acids, dust, and salts, thermal power plants, facilities with high and low ambient temperatures, industrial halls, etc. Operation is simple and maintenance-free, and the cabinet is resistant to extreme high and low temperatures. Mounting and installation are quick and straightforward.

In accordance with European standards and regulations, we have developed a wide range of complementary cabinet installation equipment. Upon request, we supply fully equipped (pre-wired) cabinets tailored to the buyer's technical instructions.



POLE-MOUNTED MRO6-S 920x1055x235



Code No.	Type
5706010	MRO6-S 920x1055x235 P
5706020	MRO6-S 920x1055x235 PT
5706030	MRO6-S 920x1055x235 PE
5706040	MRO6-S 920x1055x235 PS
5706050	MRO6-S 920x1055x235 SS
5706060	MRO6-S 920x1055x235 SL
5706070	MRO6-S 920x1055x235 SL

IN-WALL-MOUNTED MRO6-U 920x1055x235



Code No.	Type
5706210	MRO6-U 920x1055x235 P
5706220	MRO6-U 920x1055x235 PT
5706230	MRO6-U 920x1055x235 PE
5706240	MRO6-U 920x1055x235 PS
5706250	MRO6-U 920x1055x235 SS
5706260	MRO6-U 920x1055x235 SL
5706270	MRO6-U 920x1055x235 SB

WALL-MOUNTED MRO6-Z 920x1055x235



Code No.	Type
5706110	MRO6-Z 920x1055x235 P
5706120	MRO6-Z 920x1055x235 PT
5706130	MRO6-Z 600x1055x235 PE
5706140	MRO6-Z 920x1055x235 PS
5706150	MRO6-Z 920x1055x235 SS
5706160	MRO6-Z 920x1055x235 SL
5706170	MRO6-Z 920x1055x235 SB



Orman sa mernim uredjajima



Orman sa prekidačima
i kontrolnim lampama

FREE-STANDING ABOVE-GROUND MRO6-SSN 920x1425x235



Code No.	Type
5706310	MRO6-SSN 920x1425x235 P
5706320	MRO6-SSN 920x1425x235 PT
5706330	MRO6-SSN 920x1425x235 PE
5706340	MRO6-SSN 920x1425x235 PS
5706350	MRO6-SSN 920x1425x235 SS
5706360	MRO6-SSN 920x1425x235 SL
5706370	MRO6-SSN 920x1425x235 SB

FREE-STANDING - UNDERGROUND CABINETS with CCC (Cable connection cabinet) MRO6-SSUK 920x2480x235



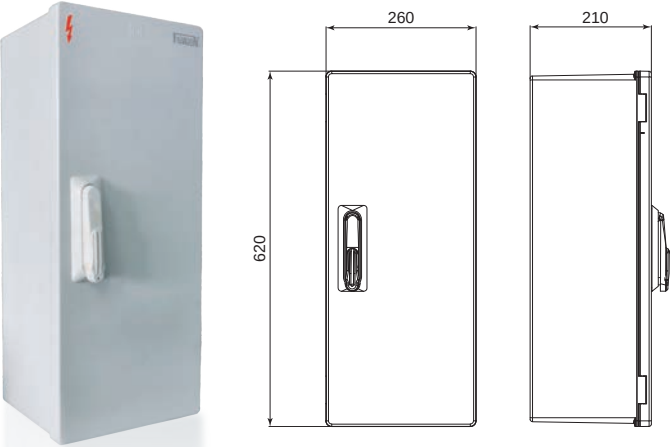
Code No.	Type
5706410	MRO6-SSU 920x2110x235 P
5706420	MRO6-SSU 920x2110x235 PT
5706430	MRO6-SSU 920x2110x235 PE
5706440	MRO6-SSU 920x2110x235 PS
5706450	MRO6-SSU 920x2110x235 SS
5706460	MRO6-SSU 920x2110x235 SL
5706470	MRO6-SSU 920x2110x235 SB

FREE-STANDING - UNDERGROUND CABINETS MRO6-SSU 920x2110x235



Code No.	Type
5706411	MRO6-SSUK 920x2480x235 P
5706421	MRO6-SSUK 920x2480x235 PT
5706431	MRO6-SSUK 920x2480x235 PE
5706441	MRO6-SSUK 920x2480x235 PS
5706451	MRO6-SSUK 920x2480x235 SS
5706461	MRO6-SSUK 920x2480x235 SL
5706471	MRO6-SSUK 920x2480x235 SB

MODULAR POLYESTER METERING AND DISTRIBUTION CABINET MRO1 260x620x210



We produce the multi-purpose universal cabinet in several variants: for pole mounting, wall mounting, machine mounting, and in-wall mounting. They can be used as metering cabinets, control and metering cabinets for street lighting, distribution cabinets, control cabinets for automation in production facilities, etc.

The cabinet is manufactured from pressed flame-retardant glass-fiber reinforced polyester. It is resistant to impact and bending, with high dielectric strength. It is resistant to atmospheric influences as well as UV radiation.

It provides excellent mechanical and electrical protection. Operation is simple and maintenance-free, and it is resistant to high temperatures. It falls into the category of highly insulated cabinets. High ingress protection (IP 65) is achieved by adding sealing gaskets to the doors, windows.



AUTOMATION



METTERING - DISTRIBUTION



Distribution,
metering & junction enclosures

POLE-MOUNTED MRO1-S 260x620x210

CABINETS FOR POLE
MOUNTING WITH BACK BRACKETS



Code No.	Type
5700010	MRO1-S 260x620x210 P
5700020	MRO1-S 260x620x210 PT
5700030	MRO1-S 260x620x210 PE
5700040	MRO1-S 260x620x210 PS
5700050	MRO1-S 260x620x210 SS
5700060	MRO1-S 260x620x210 SL
5700070	MRO1-S 260x620x210 SB

WALL-MOUNTED MRO1-Z 260x620x210

WALL-MOUNTING
CABINET



Code No.	Type
5700110	MRO1-Z 260x620x210 P
5700120	MRO1-Z 260x620x210 PT
5700130	MRO1-Z 260x620x210 PE
5700140	MRO1-Z 260x620x210 PS
5700150	MRO1-Z 260x620x210 SS
5700160	MRO1-Z 260x620x210 SL
5700170	MRO1-Z 260x620x210 SB

MODULAR POLYESTER METERING AND DISTRIBUTION CABINET MRO2V 320x1200x235

It is used for mounting a single metering device. For mounting multiple metering devices, they can be arranged side-by-side and stacked vertically.

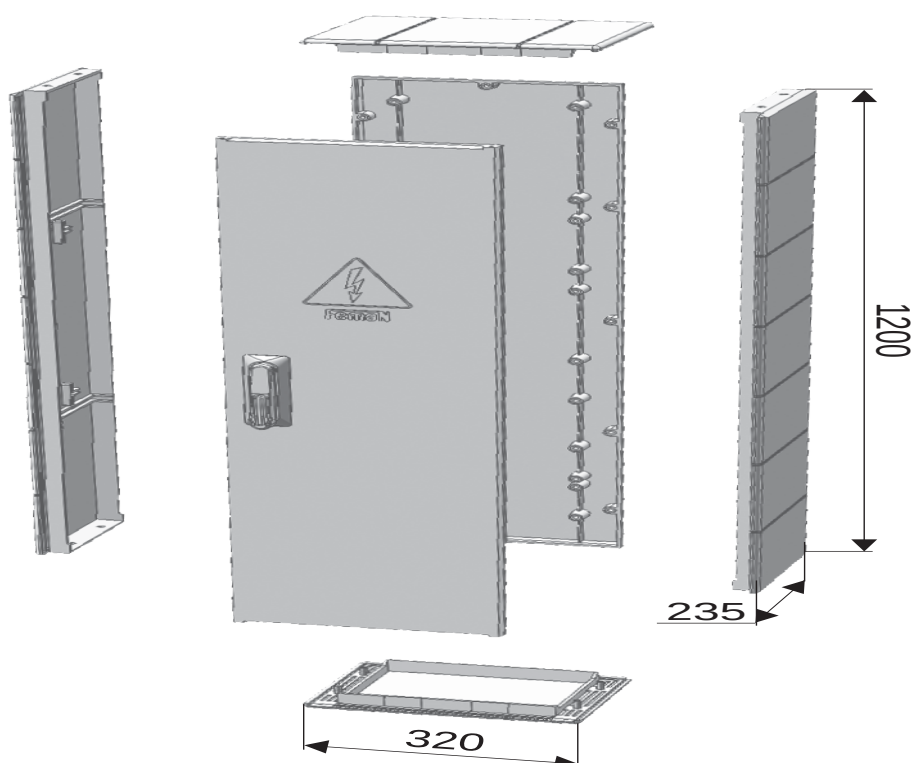


We produce the multi-purpose modular universal cabinet in several variants: for pole mounting, on-wall mounting, in-wall mounting, as a free-standing above-ground unit, and as a free-standing underground unit.

The cabinet is manufactured from pressed flame-retardant glass-fiber reinforced polyester. It is resistant to impact and bending, with high dielectric strength. It is resistant to atmospheric influences and UV radiation. It causes no harmful effects on living organisms or the environment. It provides excellent mechanical and electrical protection and falls into the category of highly insulated cabinets. High ingress protection (IP 54) is achieved by adding sealing gaskets to the doors, windows, and other openings.

Due to its technical characteristics, it can be used in damp areas, environments with high concentrations of acids, dust, and salts, thermal power plants, facilities with high and low ambient temperatures, industrial halls, etc. Operation is simple and maintenance-free, and the cabinet is resistant to extreme high and low temperatures. Mounting and installation are quick and straightforward.

In accordance with European standards and regulations, we have developed a wide range of complementary cabinet installation equipment. Upon request, we supply fully equipped (pre-wired) cabinets tailored to the buyer's technical instructions.



POLE-MOUNTED MRO2V-S 320x1200x235



Kodni broj	Tip
5703510	MRO2V-S 320x1200x235 P
5703520	MRO2V-S 320x1200x235 PT
5703530	MRO2V-S 320x1200x235 PE
5703540	MRO2V-S 320x1200x235 PS
5703550	MRO2V-S 320x1200x235 SS
5703560	MRO2V-S 320x1200x235 SL
5703570	MRO2V-S 320x1200x235 SB

WALL-MOUNTED MRO2V-Z 320x1200x235



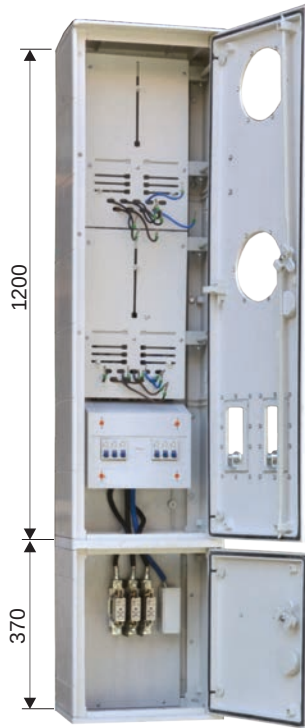
Kodni broj	Tip
5703610	MRO2V-Z 320x1200x235 P
5703620	MRO2V-Z 320x1200x235 PT
5703630	MRO2V-Z 320x1200x235 PE
5703640	MRO2V-Z 320x1200x235 PS
5703650	MRO2V-Z 320x1200x235 SS
5703660	MRO2V-Z 320x1200x235 SL
5703670	MRO2V-Z 320x1200x235 SB

IN-WALL-MOUNTED ORMANI MRO2V-U 320x1200x235



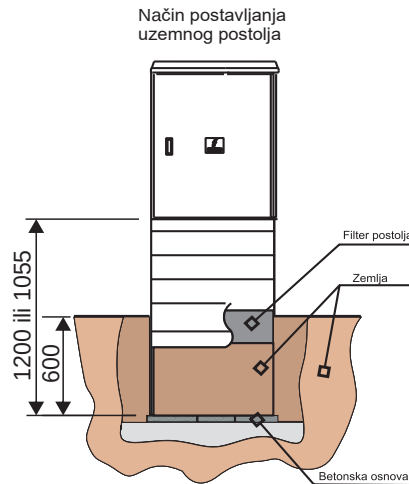
Kodni broj	Tip
5703710	MRO2V-U 320x1200x235 P
5703720	MRO2V-U 320x1200x235 PT
5703730	MRO2V-U 320x1200x235 PE
5703740	MRO2V-U 320x1200x235 PS
5703750	MRO2V-U 320x1200x235 SS
5703760	MRO2V-U 320x1200x235 SL
5703770	MRO2V-U 320x1200x235 SB

FREE-STANDING ABOVE-GROUND CABINETS MRO2V-SSN 320x1570x235



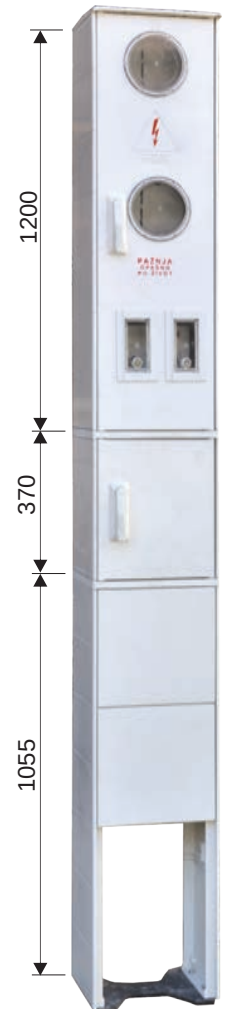
Code No.	Type
5703810	MRO2V-SSN 320x1570x235 P
5703820	MRO2V-SSN 320x1570x235 PT
5703830	MRO2V-SSN 320x1570x235 PE
5703840	MRO2V-SSN 320x1570x235 PS
5703850	MRO2V-SSN 320x1570x235 SS
5703860	MRO2V-SSN 320x1570x235 SL
5703870	MRO2V-SSN 320x1570x235 SB

FREE-STANDING - UNDERGROUND CABINETS MRO2-SSU 320x2255x235



Code No.	Type
5703910	MRO2V-SSU 320x2255x235 P
5703920	MRO2V-SSU 320x2255x235 PT
5703930	MRO2V-SSU 320x2255x235 PE
5703940	MRO2V-SSU 320x2255x235 PS
5703950	MRO2V-SSU 320x2255x235 SS
5703960	MRO2V-SSU 320x2255x235 SL
5703970	MRO2V-SSU 320x2255x235 SB

FREE-STANDING - UNDERGROUND CABINETS SA CCC-om MRO2-SSU 320x2625x235



Code No.	Type
5703911	MRO2V-SSUK 320x2625x235 P
5703921	MRO2V-SSUK 320x2625x235 PT
5703931	MRO2V-SSUK 320x2625x235 PE
5703941	MRO2V-SSUK 320x2625x235 PS
5703951	MRO2V-SSUK 320x2625x235 SS
5703961	MRO2V-SSUK 320x2625x235 SL
5703971	MRO2V-SSUK 320x2625x235 SB



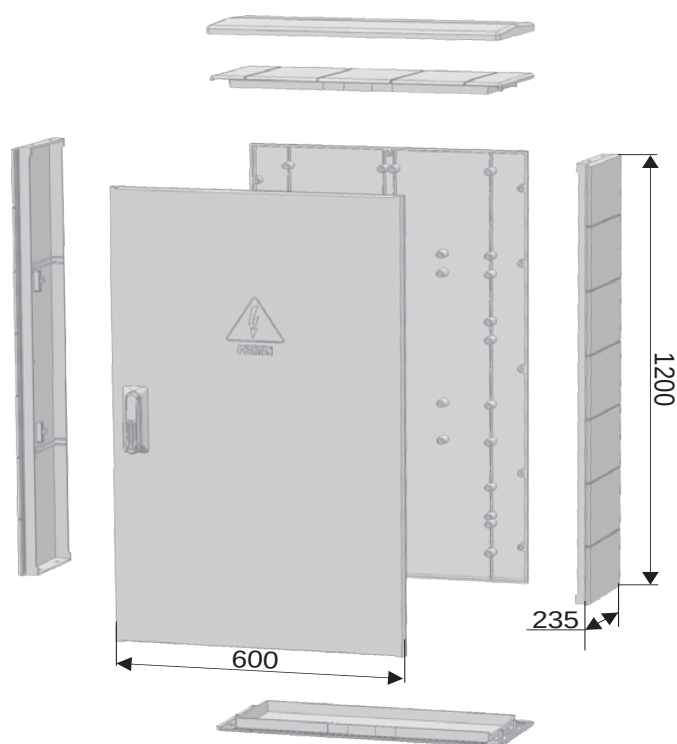
It is used for mounting a single metering device. For mounting multiple metering devices, they can be arranged side-by-side and stacked vertically.

We produce the multi-purpose modular universal cabinet in several variants: for pole mounting, on-wall mounting, in-wall mounting, as a free-standing above-ground unit, and as a free-standing underground unit.

The cabinet is manufactured from pressed flame-retardant glass-fiber reinforced polyester. It is resistant to impact and bending, with high dielectric strength. It is resistant to atmospheric influences and UV radiation. It causes no harmful effects on living organisms or the environment. It provides excellent mechanical and electrical protection and falls into the category of highly insulated cabinets. High ingress protection (IP 54) is achieved by adding sealing gaskets to the doors, windows, and other openings.

Due to its technical characteristics, it can be used in damp areas, environments with high concentrations of acids, dust, and salts, thermal power plants, facilities with high and low ambient temperatures, industrial halls, etc. Operation is simple and maintenance-free, and the cabinet is resistant to extreme high and low temperatures. Mounting and installation are quick and straightforward.

In accordance with European standards and regulations, we have developed a wide range of complementary cabinet installation equipment. Upon request, we supply fully equipped (pre-wired) cabinets tailored to the buyer's technical instructions.



POLE-MOUNTED MRO4-S 600x1200x235



Code No.	Type
5704510	MRO4-S 600x1200x235 P
5704520	MRO4-S 600x1200x235 PT
5704530	MRO4-S 600x1200x235 PE
5704540	MRO4-S 600x1200x235 PS
5704550	MRO4-S 600x1200x235 SS
5704560	MRO4-S 600x1200x235 SL
5704570	MRO4-S 600x1200x235 SB

WALL-MOUNTED MRO4-Z 600x1200x235



Code No.	Type
5704610	MRO4-Z 600x1200x235 P
5704620	MRO4-Z 600x1200x235 PT
5704630	MRO4-Z 600x1200x235 PE
5704640	MRO4-Z 600x1200x235 PS
5704650	MRO4-Z 600x1200x235 SS
5704660	MRO4-Z 600x1200x235 SL
5704670	MRO4-Z 600x1200x235 SB

IN-WALL-MOUNTED MRO4-U 600x1200x235



Code No.	Type
5704710	MRO4-U 600x1200x235 P
5704720	MRO4-U 600x1200x235 PT
5704730	MRO4-U 600x1200x235 PE
5704740	MRO4-U 600x1200x235 PS
5704750	MRO4-U 600x1200x235 SS
5704760	MRO4-U 600x1200x235 SL
5704770	MRO4-U 600x1200x235 SB

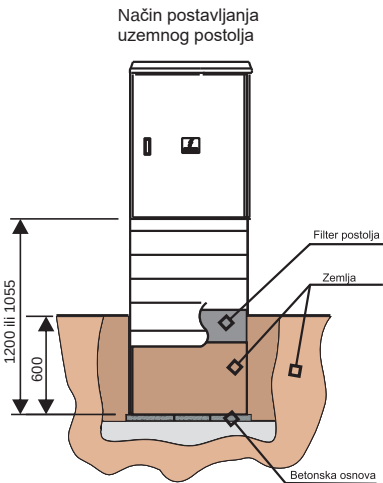
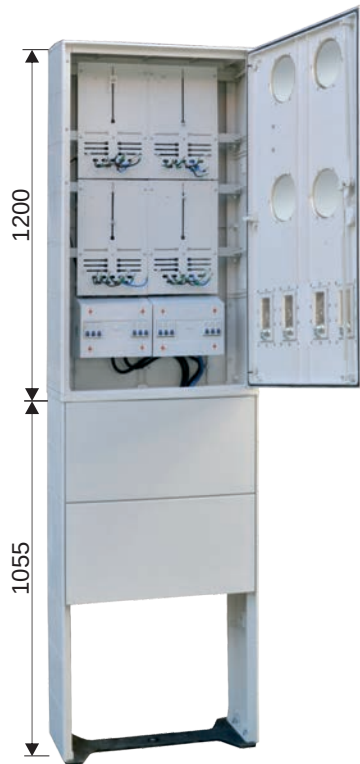
FREE-STANDING ABOVE-GROUND MRO4-SSN 600x1570x235



Code No.	Type
5704810	MRO4-SSN 600x1570x235 P
5704820	MRO4-SSN 600x1570x235 PT
5704830	MRO4-SSN 600x1570x235 PE
5704840	MRO4-SSN 600x1570x235 PS
5704850	MRO4-SSN 600x1570x235 SS
5704860	MRO4-SSN 600x1570x235 SL
5704870	MRO4-SSN 600x1570x235 SB

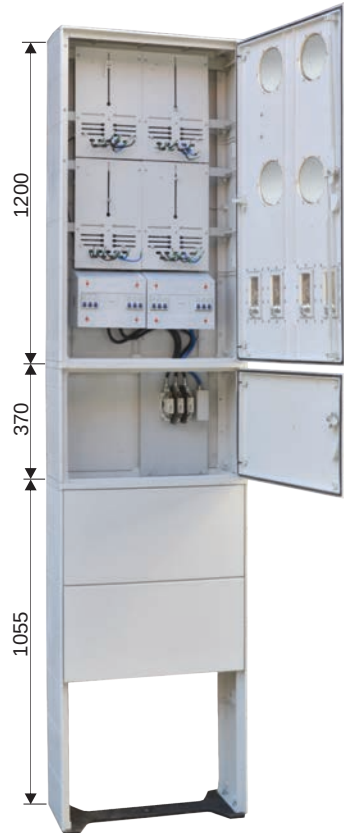
Distribution,
metering & junction enclosures

FREE-STANDING - UNDERGROUND CABINETS
MRO4-SSU 600x2255x235



Code No.	Type
5704910	MRO4-SSU 600x2255x235 P
5704920	MRO4-SSU 600x2255x235 PT
5704930	MRO4-SSU 600x2255x235 PE
5704940	MRO4-SSU 600x2255x235 PS
5704950	MRO4-SSU 600x2255x235 SS
5704960	MRO4-SSU 600x2255x235 SL
5704970	MRO4-SSU 600x2255x235 SB

FREE-STANDING - UNDERGROUND CABINETS SA
CCC-om MRO4-SSUK 600x2625x235



Code No.	Type
5704911	MRO4-SSUK 600x2625x235 P
5704921	MRO4-SSUK 600x2625x235 PT
5704931	MRO4-SSUK 600x2625x235 PE
5704941	MRO4-SSUK 600x2625x235 PS
5704951	MRO4-SSUK 600x2625x235 SS
5704961	MRO4-SSUK 600x2625x235 SL
5704971	MRO4-SSUK 600x2625x235 SB



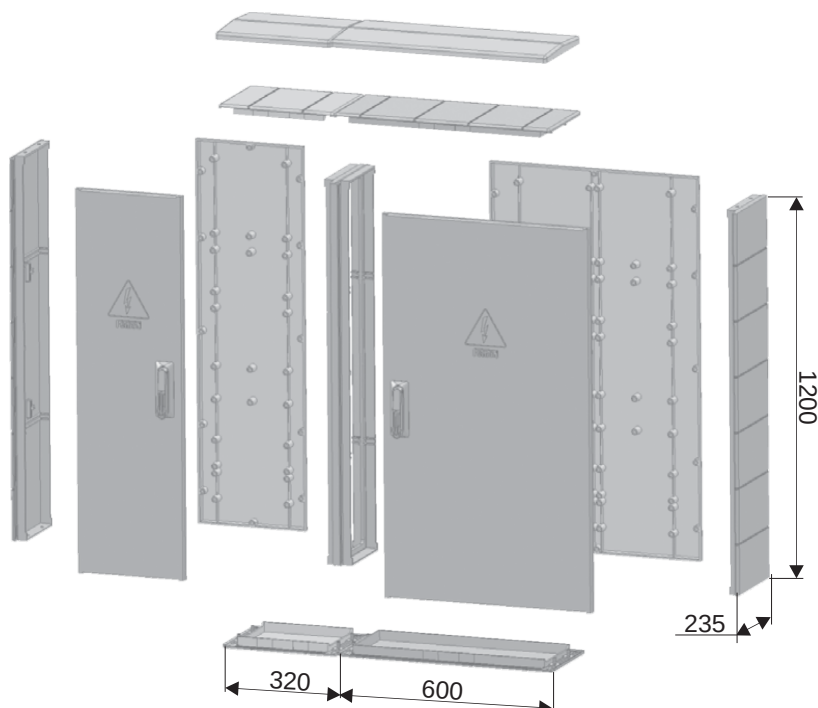
It is used for mounting a single metering device. For mounting multiple metering devices, they can be arranged side-by-side and stacked vertically.

We produce the multi-purpose modular universal cabinet in several variants: for pole mounting, on-wall mounting, in-wall mounting, as a free-standing above-ground unit, and as a free-standing underground unit.

The cabinet is manufactured from pressed flame-retardant glass-fiber reinforced polyester. It is resistant to impact and bending, with high dielectric strength. It is resistant to atmospheric influences and UV radiation. It causes no harmful effects on living organisms or the environment. It provides excellent mechanical and electrical protection and falls into the category of highly insulated cabinets. High ingress protection (IP 54) is achieved by adding sealing gaskets to the doors, windows, and other openings.

Due to its technical characteristics, it can be used in damp areas, environments with high concentrations of acids, dust, and salts, thermal power plants, facilities with high and low ambient temperatures, industrial halls, etc. Operation is simple and maintenance-free, and the cabinet is resistant to extreme high and low temperatures. Mounting and installation are quick and straightforward.

In accordance with European standards and regulations, we have developed a wide range of complementary cabinet installation equipment. Upon request, we supply fully equipped (pre-wired) cabinets tailored to the buyer's technical instructions.



POLE-MOUNTED MRO6-S 920x1200x235



Code No.	Type
5706510	MRO6-S 920x1200x235 P
5706520	MRO6-S 920x1200x235 PT
5706530	MRO6-S 920x1200x235 PE
5706540	MRO6-S 920x1200x235 PS
5706550	MRO6-S 920x1200x235 SS
5706560	MRO6-S 920x1200x235 SL
5706570	MRO6-S 920x1200x235 SB

WALL-MOUNTED MRO6-Z 920x1200x235



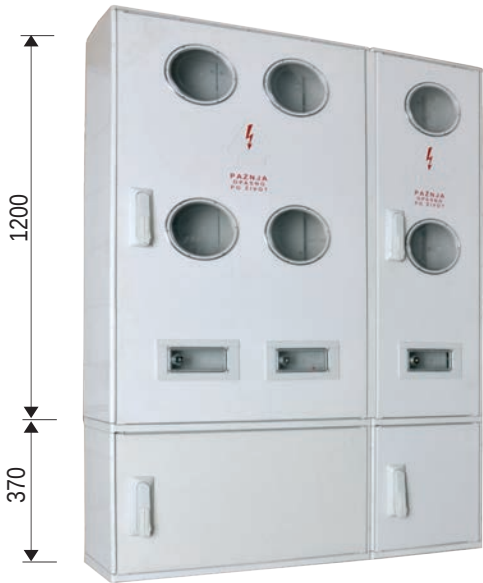
Code No.	Type
5706610	MRO6-Z 920x1200x235 P
5706620	MRO6-Z 920x1200x235 PT
5706630	MRO6-Z 600x1200x235 PE
5706640	MRO6-Z 920x1200x235 PS
5706650	MRO6-Z 920x1200x235 SS
5706660	MRO6-Z 920x1200x235 SL
5706670	MRO6-Z 920x1200x235 SB

IN-WALL-MOUNTED MRO6-U 920x1200x235



Code No.	Type
5706710	MRO6-U 920x1200x235 P
5706720	MRO6-U 920x1200x235 PT
5706730	MRO6-U 920x1200x235 PE
5706740	MRO6-U 920x1200x235 PS
5706750	MRO6-U 920x1200x235 SS
5706760	MRO6-U 920x1200x235 SL
5706770	MRO6-U 920x1200x235 SB

FREE-STANDING ABOVE-GROUND MRO6-SSN 920x1570x235



Code No.	Type
5706810	MRO6-SSN 920x1570x235 P
5706820	MRO6-SSN 920x1570x235 PT
5706830	MRO6-SSN 920x1570x235 PE
5706840	MRO6-SSN 920x1570x235 PS
5706850	MRO6-SSN 920x1570x235 SS
5706860	MRO6-SSN 920x1570x235 SL
5706870	MRO6-SSN 920x1570x235 SB

FREE-STANDING - UNDERGROUND CABINETS
MRO6-SSU 920x2255x235



Code No.	Type
5706910	MRO6-SSU 920x2255x235 P
5706920	MRO6-SSU 920x2255x235 PT
5706930	MRO6-SSU 920x2255x235 PE
5706940	MRO6-SSU 920x2255x235 PS
5706950	MRO6-SSU 920x2255x235 SS
5706960	MRO6-SSU 920x2255x235 SL
5706970	MRO6-SSU 920x2255x235 SB

FREE-STANDING - UNDERGROUND CABINETS WITH CCC
MRO6-SSUK 920x2625x235



Code No.	Type
5706911	MRO6-SSUK 920x2625x235 P
5706921	MRO6-SSUK 920x2625x235 PT
5706931	MRO6-SSUK 920x2625x235 PE
5706941	MRO6-SSUK 920x2625x235 PS
5706951	MRO6-SSUK 920x2625x235 SS
5706961	MRO6-SSUK 920x2625x235 SL
5706971	MRO6-SSUK 920x2625x235 SB

MODULAR POLYESTER METERING AND DISTRIBUTION CABINET MRO1 260x665x250

It is used for mounting a single metering device. For mounting multiple metering devices, they can be arranged side-by-side and stacked vertically.



Code No.	Installation Method	Type	Dimension mm	Degree of protection
5701061	Stubni	MRO1-S	260x665x250	IP 54
5701161	Zidni	MRO1-Z	260x665x250	IP 54
5701261	Uzidni	MRO1-U	260x665x250	IP 54
5701361	Slobodnostojeći nadzemni	MRO1-SSN	260x1330x250	IP 54

We produce the multi-purpose modular universal cabinet in several variants: for pole mounting, on-wall mounting, in-wall mounting, as a free-standing above-ground unit, and as a free-standing underground unit.

Technical Description:
The cabinets are made of pressed glass-fiber reinforced polyester. They are resistant to impact and bending, with high dielectric strength. They are resistant to atmospheric influences as well as UV radiation.

- Technical Data:
- Rated insulation voltage: 500 V
 - Rated current: 630 A
 - Degree of mechanical protection: IP 54
 - Impact resistance: IK 10
 - Protection class: II
 - Color: RAL 7035
 - Weather resistance: UV stable
 - Operating temperature: -50°C to +60°C
 - Thermal stability: -40°C to +200°C





It is used for mounting a single metering device. For mounting multiple metering devices, they can be arranged side-by-side and

Code No.	Installation Method	Type	Dimension mm	Degree of protection
5702063	POLE-MOUNTED	MRO2-S	510x820x250	IP 54
5702163	WALL-MOUNTED	MRO2-Z	510x820x250	IP 54
5702263	IN-WALL-MOUNTED	MRO2-U	510x820x250	IP 54
5702363	FREE-STANDING ABOVE-GROUND	MRO2-SSN	510x1640x250	IP 54

We produce the multi-purpose modular universal cabinet in several variants: for pole mounting, on-wall mounting, in-wall mounting, as a free-standing above-ground unit, and as a free-standing underground unit.

Technical Description:

The cabinets are made of pressed glass-fiber reinforced polyester. They are resistant to impact and bending, with high dielectric strength. They are resistant to atmospheric influences as well as UV radiation.

Technical Data:

Rated insulation voltage: 500 V

Rated current: 630 A

Degree of mechanical protection: IP 54

Impact resistance: IK 10

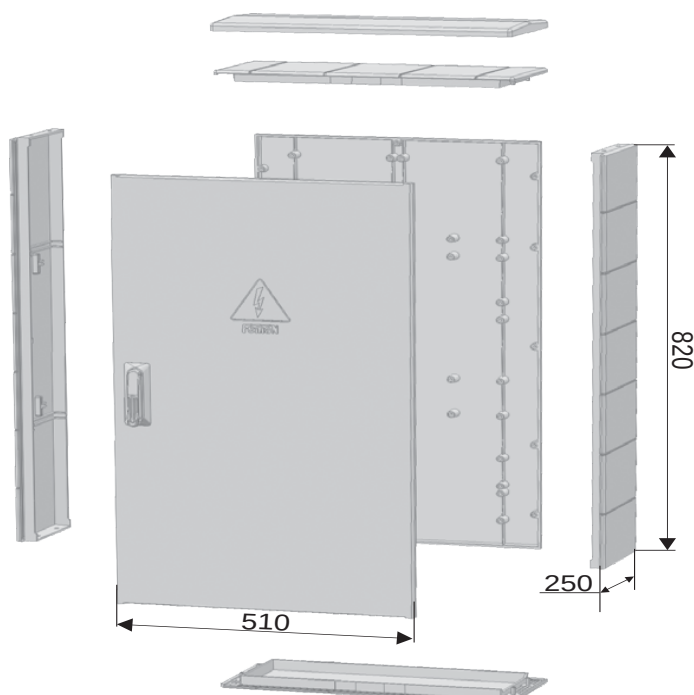
Protection class: II

Color: RAL 7035

Weather resistance: UV stable

Operating temperature: -50°C to +60°C

Thermal stability: -40°C to +200°C



MODULAR POLYESTER METERING AND DISTRIBUTION CABINET MRO4 510x1640x250



We produce the multi-purpose modular universal cabinet in several variants: for pole mounting, on-wall mounting, in-wall mounting, as a free-standing above-ground unit, and as a free-standing underground unit.

Technical Description:

The cabinets are made of pressed glass-fiber reinforced polyester. They are resistant to impact and bending, with high dielectric strength.

They are resistant to atmospheric influences as well as UV radiation.

Technical Data:

Rated insulation voltage: 500 V

Rated current: 630 A

Degree of mechanical protection: IP 54

Impact resistance: IK 10

Protection class: II

Color: RAL 7035

It is used for mounting a single metering device. For mounting multiple metering devices, they can be arranged side-by-side and stacked vertically.

Code No.	Installation Method	Type	Dimension mm	Degree of protection
5704065	FREE-STANDING ABOVE-GROUND	MRO4-SSN	510x1640x250	IP 54

MODULAR POLYESTER DISTRIBUTION CABINET



We produce multi-purpose modular universal cabinets in several variants for pole mounting, wall mounting, and in-wall mounting. The cabinets are made of pressed glass-fiber reinforced polyester. They can be used as distribution and control cabinets for automation in production facilities. They are resistant to impact and bending, with high dielectric strength. They are resistant to atmospheric influences as well as UV radiation. Due to their technical characteristics, they can be used in damp areas and in environments with the presence of acids.

Code No.	Installation Method	Type - Dimension mm	Degree of protection
5707006	POLE-MOUNTED	RO-S 320x250x235	IP 54
5707007	WALL-MOUNTED	RO-Z 320x250x235	IP 54
5707008	IN-WALL-MOUNTED	RO-U 320x250x235	IP 54
5707000	POLE-MOUNTED	RO-S 320x370x235	IP 54
5707001	WALL-MOUNTED	RO-Z 320x370x235	IP 54
5707002	IN-WALL-MOUNTED	RO-U 320x370x235	IP 54

MODULAR POLYESTER DISTRIBUTION CABINET



We produce multi-purpose modular universal cabinets in several variants for pole mounting, wall mounting, and in-wall mounting. The cabinets are made of pressed glass-fiber reinforced polyester. They can be used as distribution and control cabinets for automation in production facilities. They are resistant to impact and bending, with high dielectric strength. They are resistant to atmospheric influences as well as UV radiation. Due to their technical characteristics, they can be used in damp areas and in environments with the presence of acids.

Code No.	Installation Method	Type - Dimension mm	Degree of protection
5707009	POLE-MOUNTED	RO-S 600x250x235	IP 54
5707010	WALL-MOUNTED	RO-Z 600x250x235	IP 54
5707011	IN-WALL-MOUNTED	RO-U 600x250x235	IP 54
5707003	POLE-MOUNTED	RO-S 600x370x235	IP 54
5707004	WALL-MOUNTED	RO-Z 600x370x235	IP 54
5707005	IN-WALL-MOUNTED	RO-U 600x370x235	IP 54



Note: Designed for the installation of meter mounting boards with dimensions of 220x330 mm.

We manufacture modular multi-purpose cabinets from pressed flame-retardant glass-fiber reinforced polyester. They are resistant to impact and bending, with high dielectric strength. They are resistant to atmospheric influences as well as UV radiation. They provide excellent mechanical and electrical protection and belong to the category of highly insulated cabinets. High ingress protection—IP 54—is achieved by adding sealing gaskets to doors, windows, and other openings. Due to their technical characteristics, they can be used in damp areas and in environments with high concentrations of acids and dust.

Operation is simple and maintenance-free, and the cabinet is resistant to high and low temperatures. Mounting and installation are quick and straightforward.

In accordance with European standards and regulations, we have developed a wide range of complementary cabinet installation equipment.

Depending on the customer's requirements, we produce them in various configurations, and we can deliver them fully assembled or in separate parts. We manufacture these modular cabinets in widths of 320 and 600 mm and heights of 250, 370, 665, and 1055 mm.

Legend:

PT - Empty with meter mounting board and terminal connection box
SS - Pre-wired with meter mounting board, terminal connection box, and current terminal blocks

Code No.	Type
5751000	MRO6-UZ 600x1970x235 PT
5751005	MRO6-UZ 600x1970x235 SS
5751010	MRO9-UZ 920x1970x235 PT
5751020	MRO9-UZ 920x1970x235 SS
5751110	MRO12-UZ 1200x1970x235 PT
5751120	MRO12-UZ 1200x1970x235 SS
5751210	MRO15-UZ 1520x1970x235 PT
5751220	MRO15-UZ 1520x1970x235 SS
5751310	MRO18-UZ 1800x1970x235 PT
5751320	MRO18-UZ 1800x1970x235 SS
5751410	MRO21-UZ 2120x1970x235 PT
5751420	MRO21-UZ 2120x1970x235 SS
5751510	MRO24-UZ 2400x1970x235 PT
5751520	MRO24-UZ 2400x1970x235 SS
5751610	MRO27-UZ 2720x1970x235 PT
5751620	MRO27-UZ 2720x1970x235 SS
5751710	MRO30-UZ 3000x1970x235 PT
5751720	MRO30-UZ 3000x1970x235 SS



Primer razvodnog dela



Primer šinskog razvoda

Note: Designed for the installation of meter mounting boards with dimensions of 190x308 mm.

We manufacture modular multi-purpose cabinets from pressed flame-retardant glass-fiber reinforced polyester. They are resistant to impact and bending, with high dielectric strength. They are resistant to atmospheric influences as well as UV radiation. They provide excellent mechanical and electrical protection and belong to the category of highly insulated cabinets. High ingress protection—IP 54—is achieved by adding sealing gaskets to doors, windows, and other openings. Due to their technical characteristics, they can be used in damp areas and in environments with high concentrations of acids and dust.

Operation is simple and maintenance-free, and the cabinet is resistant to high and low temperatures. Mounting and installation are quick and straightforward.

In accordance with European standards and regulations, we have developed a wide range of complementary cabinet installation equipment.

Depending on the customer's requirements, we produce them in various configurations, and we can deliver them fully assembled or in separate parts. We manufacture these modular cabinets in widths of 320 and 600 mm and heights of 250, 370, 665, and 1055 mm.

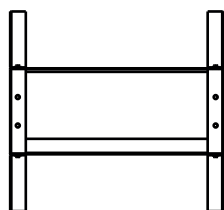
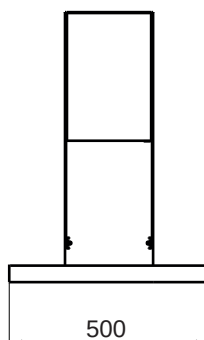
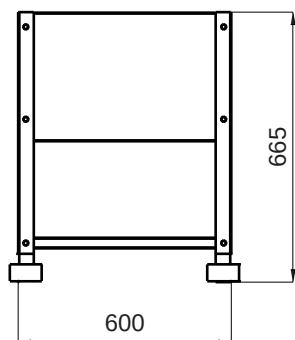
Legend

PT - Empty with meter mounting board and terminal connection box
SS - Pre-wired with meter mounting board, terminal connection box, and current terminal blocks

Code No.	Type
5752000	MRO3-UZ 320x1995x235 PT
5752005	MRO3-UZ 320x1995x235 SS
5752010	MRO9-UZ 600x1995x235 PT
5752020	MRO9-UZ 600x1995x235 SS
5752110	MRO12-UZ 920x1995x235 PT
5752120	MRO12-UZ 920x1995x235 SS
5752210	MRO15-UZ 1240x1995x235 PT
5752220	MRO15-UZ 1240x1995x235 SS
5752310	MRO18-UZ 1200x1995x235 PT
5752320	MRO18-UZ 1200x1995x235 SS
5752410	MRO21-UZ 1520x1995x235 PT
5752420	MRO21-UZ 1520x1995x235 SS
5752510	MRO24-UZ 1840x1995x235 PT
5752520	MRO24-UZ 1840x1995x235 SS
5751610	MRO27-UZ 1800x1995x235 PT
5751620	MRO27-UZ 1800x1995x235 SS
5751710	MRO30-UZ 2120x1995x235 PT
5751720	MRO30-UZ 2120x1995x235 SS

CONSTRUCTION SITE CABINETS WITH BASES

We manufacture standard construction site cabinets from polyester. The highly stable base ensures safe and reliable operation on the construction site. The free-standing construction cabinet is mobile and easily portable depending on requirements.



The cabinet is UV stable, flame-retardant, and resistant to high and low temperatures as well as mechanical impacts. Standardly manufactured with IP 54 protection, it prevents the ingress of dust and moisture, which are heavily present on construction sites. We manufacture the cabinets in two sizes, with dimensions provided in the table.

Depending on customer preference, we supply empty cabinets with bases or fully wired units with accompanying equipment.

Code No.	Installation Method	Type	Dimension mm	Degree of protection
5702600	Građevinski orman	GO2-SSN	600x1330x235	IP 54
5702601	Građevinski orman	GO4-SSN	600x1720x235	IP 54
5082605	Postolje za građevinski orman		600x665x500	

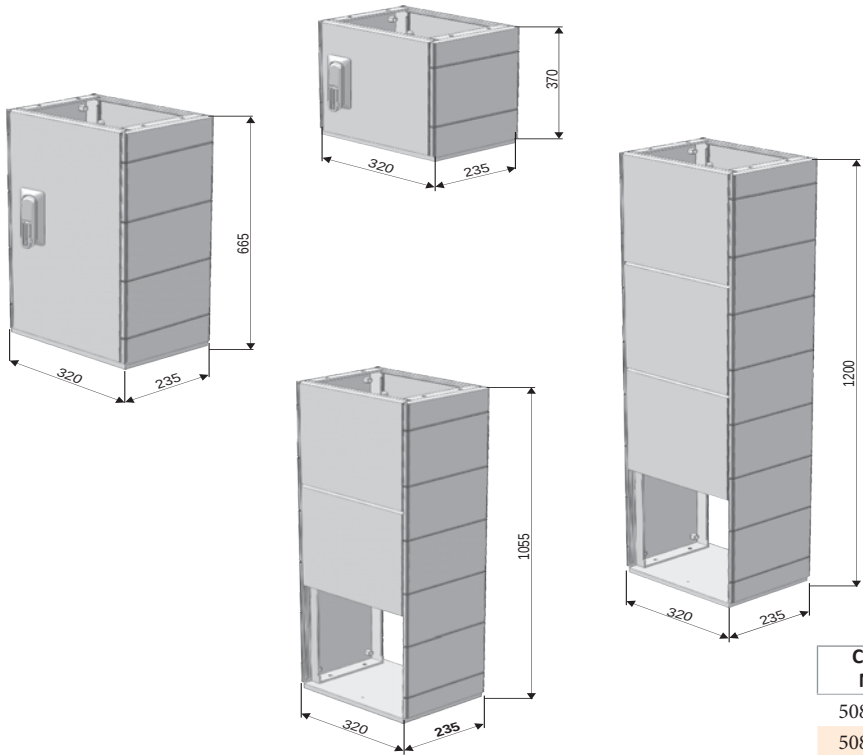
CONSTRUCTION SITE CABINETS WITH BASES



Upon request, we manufacture cabinets with an integrated meter or according to technical instructions (requirements) provided by the customer.

POLYESTER CABINET BASES, WIDTH 320 mm

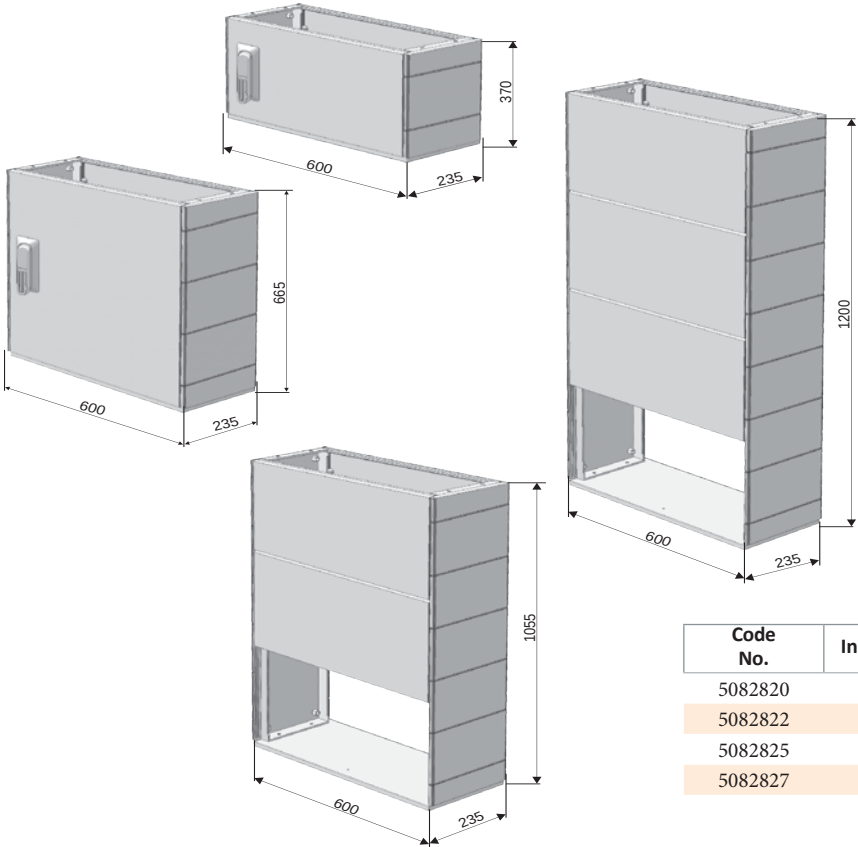
The cabinets are mounted on polyester bases—either above-ground or in-ground, depending on the terrain type. The bases are easy to install and allow simple access during operation. The basic dimensions are provided in the table. Depending on customer requirements, we manufacture them in various configurations and can deliver them fully assembled or in separate parts.



Code No.	Installation Method	Base type	Dimension mm
5082810	Overground	P-SSN	320x370x235
5082812	Overground	P-SSN	320x665x235
5082815	Underground	P-SSU	320x1055x235
5082817	Underground	P-SSU	320x1200x235

POLYESTER CABINET BASES, WIDTH 600 mm

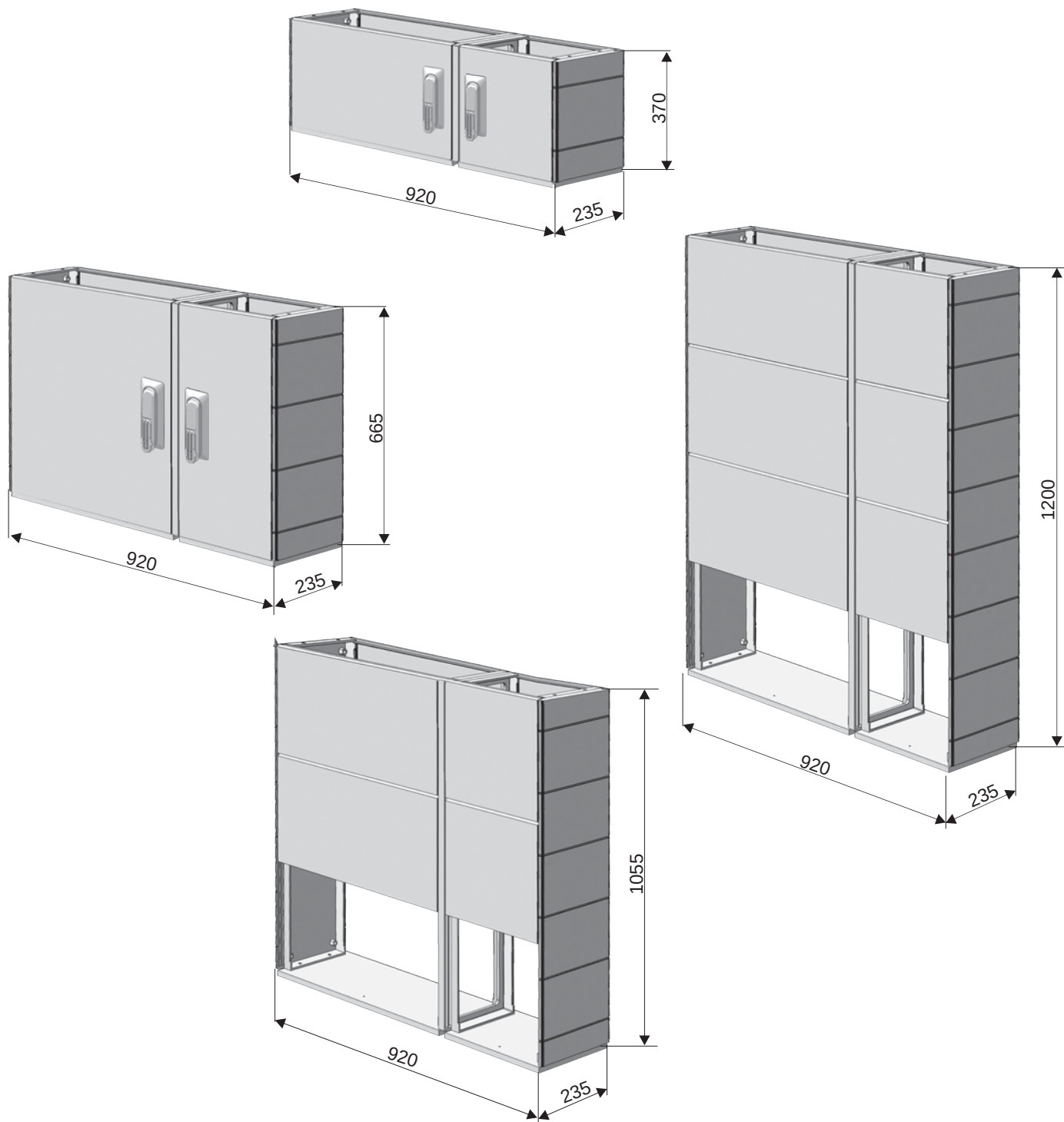
The cabinets are mounted on polyester bases—either above-ground or in-ground, depending on the terrain type. The bases are easy to install and allow simple access during operation. The basic dimensions are provided in the table. Depending on customer requirements, we manufacture them in various configurations and can deliver them fully assembled or in separate parts.



Code No.	Installation Method	Base type	Dimension mm
5082820	Overground	P-SSN	600x370x235
5082822	Overground	P-SSN	600x665x235
5082825	Underground	P-SSU	600x1055x235
5082827	Underground	P-SSU	600x1200x235

POLYESTER CABINET BASES, WIDTH 920 mm

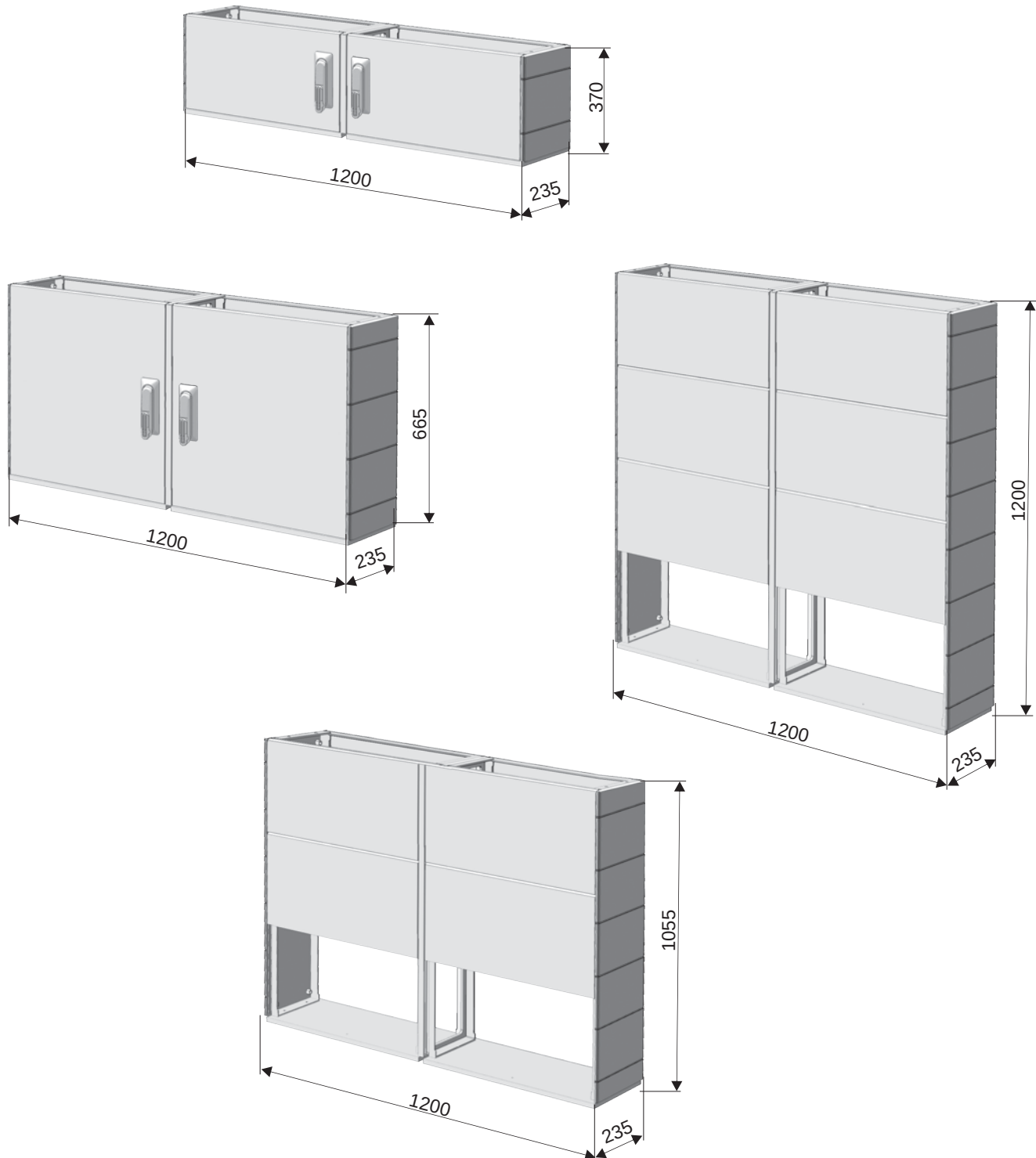
The cabinets are mounted on polyester bases—either above-ground or in-ground, depending on the terrain type. The bases are easy to install and allow simple access during operation. The basic dimensions are provided in the table. Depending on customer requirements, we manufacture them in various configurations and can deliver them fully assembled or in separate parts.



Code No.	Installation Method	Base type	Dimension mm
5082830	Overground	P-SSN	920x370x235
5082832	Overground	P-SSN	920x665x235
5082835	Underground	P-SSU	920x1055x235
5082837	Underground	P-SSU	920x1200x235

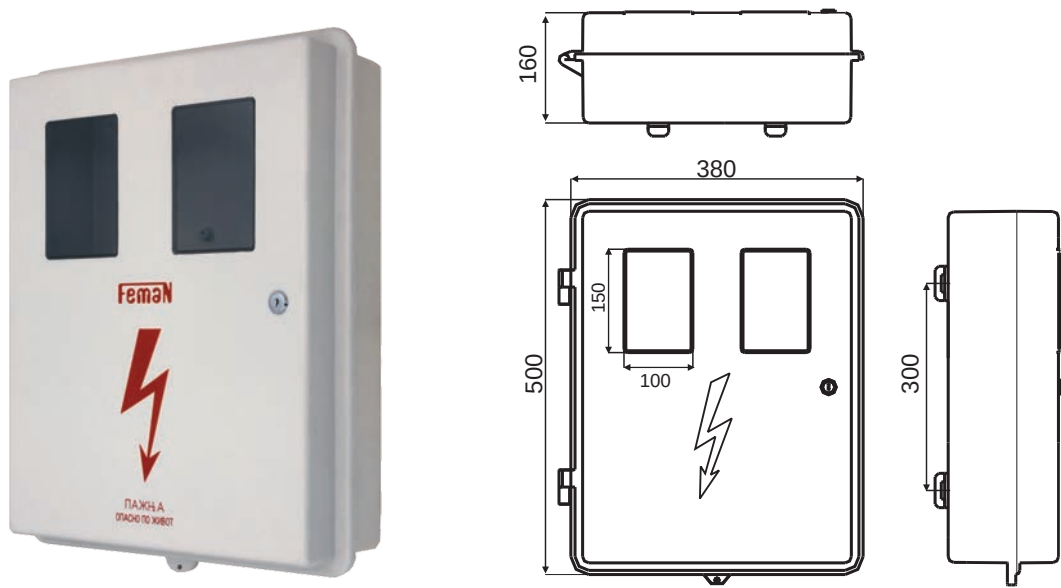
POLYESTER CABINET BASES, WIDTH 1200 mm

The cabinets are mounted on polyester bases—either above-ground or in-ground, depending on the terrain type. The bases are easy to install and allow simple access during operation. The basic dimensions are provided in the table. Depending on customer requirements, we manufacture them in various configurations and can deliver them fully assembled or in separate parts.



Code No.	Installation Method	Base type	Dimension mm
5082840	Overground	P-SSN	1200x370x235
5082842	Overground	P-SSN	1200x665x235
5082845	Underground	P-SSU	1200x1055x235
5082847	Underground	P-SSU	1200x1200x235

POLYESTER METER DISTRIBUTION CABINET MRO2-H 500x380x160



We manufacture multi-purpose universal cabinets in several variants, for pole mounting, wall mounting, machine mounting, and flush wall mounting. They can be used as metering cabinets, metering and control cabinets for street lighting, distribution cabinets, control cabinets for factory automation, etc.

Technical Description:
We manufacture the cabinet from pressed flame-retardant glass-fiber reinforced polyester. It is resistant to impact and bending, with high dielectric strength of 24kV/mm. It is resistant to atmospheric influences as well as UV radiation. It causes no harmful effects on living organisms or the environment. It provides excellent mechanical and electrical protection. Operation is simple and maintenance-free, and it is resistant to high temperatures. It belongs to the category of highly insulated cabinets. High ingress protection—IP 54—is achieved by adding sealing gaskets to doors, windows, and other openings. Due to its technical characteristics, it can be used in damp areas and in environments with the presence of acids. In accordance with European standards and regulations, we have developed a wide range of complementary cabinet installation equipment.

Technical Characteristics:
Level of protection against external mechanical impact: IK 10
Degree of protection: IP 54
Self-extinguishing: Class I
Impact resistant
Water-sealed
Flame-retardant

Code No.	Type	Installation Method	Weight)	Dimension mm	Degree of protection
5080320	MRO2/N-S	POLE-MOUNTED	5	500x380x160	IP 54
5080321	MRO2/N-ZU	WALL-MOUNTED-IN-WALL-MOUNTED	4,9	500x380x160	IP 54



MOUNTING PLATE FOR CABINET MRO2/N 500x380x160 - 498 x 378 x 4 mm

Manufactured from high-quality self-extinguishing electrical insulating material that does not support combustion, with a thickness of 4 mm.

The plate is designed for installation in the MRO2/N 500 × 380 × 160 enclosure.

Technical Data:

Mechanical resistance of the panel: IK 10 according to SRPS EN 60529

Flammability: V-0 according to SRPS EN 60695-11-10

Resistance to excessive heating: No deformation up to $T < 120^{\circ}\text{C}$

Operating temperature: -40°C to $+60^{\circ}\text{C}$

Thermal stability: -40°C to $+120^{\circ}\text{C}$

Colour: RAL 7035

Dimension: 498x378x4 mm

Weight: 0,85 kg/kom

Code No.: 0801083



CABINET MOUNTING TYPES: POLE-MOUNTED, ON-WALL-MOUNTED



TYPES OF USE AND EXAMPLES



CABLE CONNECTION CABINET CCC1 FOR 160 A

We manufacture the cable connection cabinet from pressed flame-retardant glass-fiber reinforced polyester. It is resistant to impact and bending and has high dielectric strength. It is resistant to atmospheric influences as well as UV radiation.



The cable connection cabinet (CCC) is used to introduce a maximum of two low-voltage network cable lines (inlet - outlet) and to connect one or two (dual CCC) internal service connections. It is mounted in an easily accessible location within or on the building wall. We standardly manufacture them without ventilation openings.

Code No.	Type
5737110	CCC1 275x350x130 P with cable protection
5737120	CCC1 275x350x130 P without cable protection
5737130	CCC1 275x350x130 PE with cable protection
5737140	CCC1 275x350x130 PE without cable protection
5737150	CCC1 275x350x130 SS with cable protection
5737160	CCC1 275x350x130 SS without cable protection

CABLE CONNECTION CABINET CCC2 FOR 250 A

We manufacture the cable connection cabinet from pressed flame-retardant glass-fiber reinforced polyester. It is resistant to impact and bending and has high dielectric strength. It is resistant to atmospheric influences as well as UV radiation.



The cable connection cabinet (CCC) is used to introduce a maximum of two low-voltage network cable lines (inlet - outlet) and to connect one or two (dual CCC) internal service connections. It is mounted in an easily accessible location within or on the building wall. We standardly manufacture them without ventilation openings.

Code No.	Type
5737210	CCC2 400x450x150 P with cable protection
5737220	CCC2 400x450x150 P without cable protection
5737230	CCC2 400x450x150 PE with cable protection
5737240	CCC2 400x450x150 PE without cable protection
5737250	CCC2 400x450x150 SS with cable protection
5737260	CCC2 400x450x150 SS without cable protection

CABLE CONNECTION CABINET CCC3 FOR 400 A

We manufacture the cable connection cabinet from pressed flame-retardant glass-fiber reinforced polyester. It is resistant to impact and bending and has high dielectric strength. It is resistant to atmospheric influences as well as UV radiation.

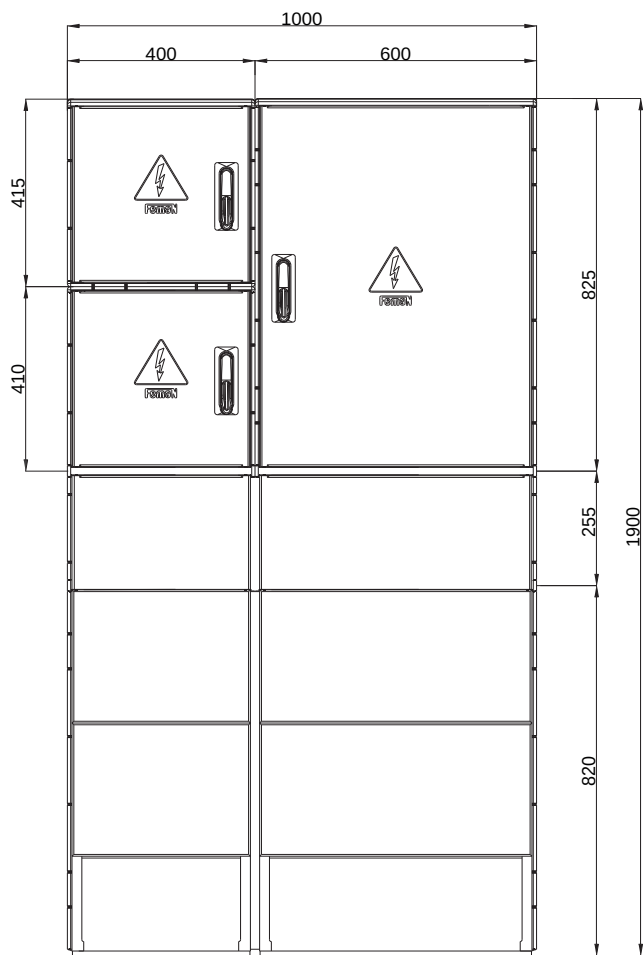


The cable connection cabinet (CCC) is used to introduce a maximum of two low-voltage network cable lines (inlet - outlet) and to connect one or two (dual CCC) internal service connections. It is mounted in an easily accessible location within or on the building wall. We standardly manufacture them without ventilation openings.

Code No.	Type
5737310	CCC3 400x600x150 P with cable protection
5737320	CCC3 400x600x150 P without cable protection
5737330	CCC3 400x600x150 PE with cable protection
5737340	CCC3 400x600x150 PE without cable protection
5737350	CCC3 400x600x150 SS with cable protection
5737360	CCC3 400x600x150 SS without cable protection

FREE-STANDING DISTRIBUTION CABINET WITH INTEGRATED CCC

The free-standing public lighting distribution cabinet with an integrated cable connection box is intended for consumption metering, control, and power supply of public lighting.



Distribution,
metering & junction enclosures

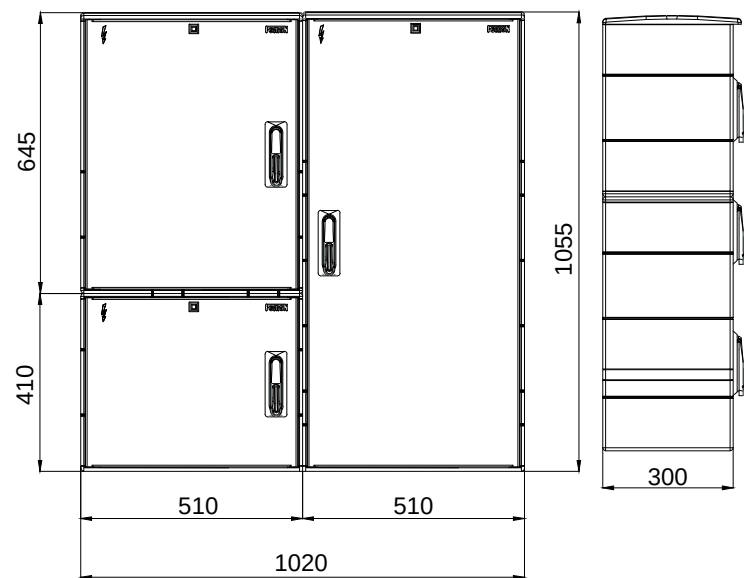
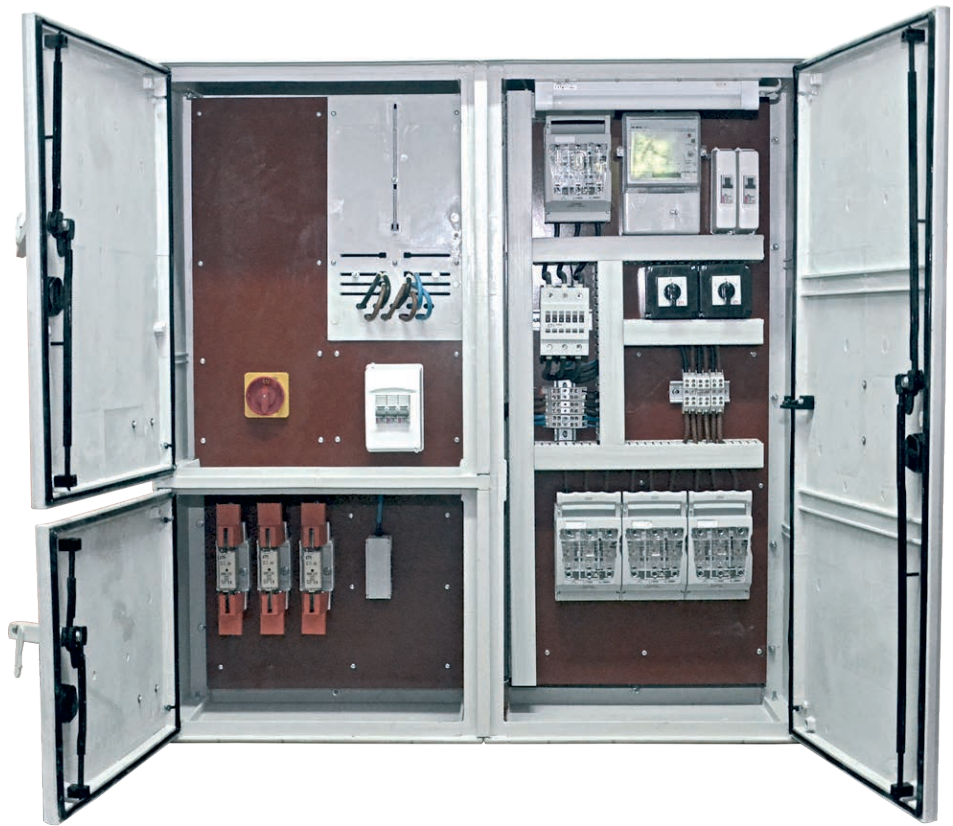
Code No.	Type
5708106	ROJO-SSN 1000x825x300 V0
5708116	ROJO-SSN 1000x825x300 PRAZAN
5708206	ROJO-SSN 1000x1900x300 V0
5708216	ROJO-SSN 1000x1900x300 PRAZAN

Technical Data:
Color: RAL 7035
Degree of mechanical protection: IP 54
Impact resistance: IK 10
Protection class: II
Resistance to atmospheric influences: UV stable
Thermal stability: -40°C to +200°C

The cabinet is divided into three sections, and each section has a separate door. The right section of the cabinet is used to house the public lighting control and power supply installation. The upper left section of the cabinet is used to house the lighting consumption metering installation. The lower left section of the cabinet is used to house the main power supply cable connection. The cabinets are made of pressed glass-fiber reinforced polyester. They are resistant to impact, bending, moisture, dust, high and low temperatures, and have high dielectric strength. They are resistant to atmospheric influences as well as UV radiation.

FREE-STANDING DISTRIBUTION CABINET WITH INTEGRATED CCC ROJO3 1020x1055x300

The free-standing public lighting distribution cabinet with an integrated cable connection box is intended for consumption metering, control, and power supply of public lighting.

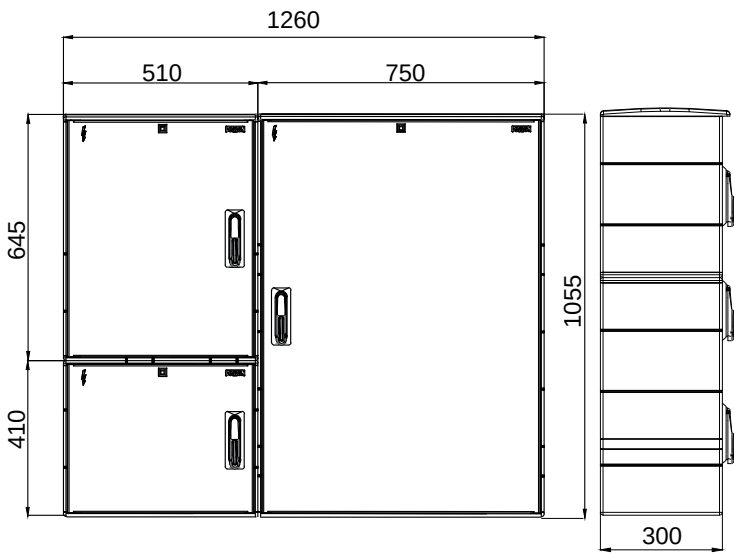


Code No.	Type
5708000	ROR3-S 1020x1055x300 P
5708001	ROR3-S 1020x1055x300 PE
5708002	ROR3-S 1020x1055x300 SS
5708003	ROR3-SSU 1020x2110x300 P
5708004	ROR3-SSU 1020x2110x300 SS

The cabinet is divided into three sections, and each section has a separate door. The right section of the cabinet is used to house the public lighting control and power supply installation. The upper left section of the cabinet is used to house the lighting consumption metering installation. The lower left section of the cabinet is used to house the main power supply cable connection. The cabinets are made of pressed glass-fiber reinforced polyester. They are resistant to impact, bending, moisture, dust, high and low temperatures, and have high dielectric strength. They are resistant to atmospheric influences as well as UV radiation.

FREE-STANDING DISTRIBUTION CABINET WITH INTEGRATED CCC ROJO6 1260x1055x300

The free-standing public lighting distribution cabinet with an integrated cable connection box is intended for consumption metering, control, and power supply of public lighting.



Code No.	Type
5708006	ROR6-Z 1260x1055x300 P
5708007	ROR6-Z 1260x1055x300 PE
5708008	ROR6-Z 1260x1055x300 SS
5708005	ROR6-SSU 1260x2110x300 P
5708009	ROR6-SSU 1260x2110x300 SS

The cabinet is divided into three sections, and each section has a separate door. The right section of the cabinet is used to house the public lighting control and power supply installation. The upper left section of the cabinet is used to house the lighting consumption metering installation. The lower left section of the cabinet is used to house the main power supply cable connection. The cabinets are made of pressed glass-fiber reinforced polyester. They are resistant to impact, bending, moisture, dust, high and low temperatures, and have high dielectric strength. They are resistant to atmospheric influences as well as UV radiation.

CABLE CONNECTION DISTRIBUTION CABINET KPRO2 320x1055x300

Used for mounting two fuse switch disconnectors. For mounting multiple fuse switch disconnectors, the units can be arranged side by side.



CABLE CONNECTION DISTRIBUTION CABINET KPRO3 510x1055x300

It is used for mounting two fuse switch disconnectors. For mounting multiple fuse switch disconnectors, they can be arranged side by side.



Code No.	Type
5088210	KPRO-2 320x1055x300 P
5088220	KPRO-2 320x1055x300 PE
5088230	KPRO-2 320x1055x300 OL
5088240	KPRO-2 SSU 320x2110x300 P
5088250	KPRO-2 SSU 320x2110x300 PE
5088260	KPRO-2 SSU 320x2110x300 OL

Code No.	Type
5088310	KPRO-3 510x1055x300 P
5088320	KPRO-3 510x1055x300 PE
5088330	KPRO-3 510x1055x300 OL
5088340	KPRO-3 SSU 510x1055x300 P
5088350	KPRO-3 SSU 510x1055x300 PE
5088360	KPRO-3 SSU 510x1055x300 OL

We manufacture the cabinet from pressed flame-retardant glass-fiber reinforced polyester. It is resistant to impact and bending and has high dielectric strength. It is resistant to atmospheric influences as well as UV radiation. It provides very high mechanical and electrical protection and belongs to high-insulation cabinets.

Due to its technical characteristics, it can be used in damp rooms, environments with a high presence of acids, dust, and salts, thermal power plants, premises with high and low temperatures, industrial halls, etc. Use is simple and requires no additional maintenance, and it is resistant to high and low temperatures. Very easy and simple assembly and installation.

CABLE CONNECTION DISTRIBUTION CABINET
KPRO4 600x1055x300

It is used for mounting two fuse switch disconnectors. For mounting multiple fuse switch disconnectors, they can be arranged side by side.



Distribution,
metering & junction enclosures

Code No.	Type
5088410	KPRO-4 600x1055x300 P
5088420	KPRO-4 600x1055x300 PE
5088430	KPRO-4 600x1055x300 OL
5088440	KPRO-4 SSU 600x2110x300 P
5088450	KPRO-4 SSU 600x2110x300 PE
5088460	KPRO-4 SSU 600x2110x300 OL

We manufacture the cabinet from pressed flame-retardant glass-fiber reinforced polyester. It is resistant to impact and bending and has high dielectric strength. It is resistant to atmospheric influences as well as UV radiation. It provides very high mechanical and electrical protection and belongs to high-insulation cabinets.

Due to its technical characteristics, it can be used in damp rooms, environments with a high presence of acids, dust, and salts, thermal power plants, premises with high and low temperatures, industrial halls, etc. Use is simple and requires no additional maintenance, and it is resistant to high and low temperatures. Very easy and simple assembly and installation.

CABLE CONNECTION DISTRIBUTION CABINET KPRO5 750x1055x300

It is used for mounting two fuse switch disconnectors. For mounting multiple fuse switch disconnectors, they can be arranged side by side.



Code No.	Type
5088510	KPRO-5 750x1055x300 P
5088520	KPRO-5 750x1055x300 PE
5088530	KPRO-5 750x1055x300 OL
5088540	KPRO-5 SSU 750x2110x300 P
5088550	KPRO-5 SSU 750x2110x300 PE
5088560	KPRO-5 SSU 750x2110x300 OL

We manufacture the cabinet from pressed flame-retardant glass-fiber reinforced polyester. It is resistant to impact and bending and has high dielectric strength. It is resistant to atmospheric influences as well as UV radiation. It provides very high mechanical and electrical protection and belongs to high-insulation cabinets.

Due to its technical characteristics, it can be used in damp rooms, environments with a high presence of acids, dust, and salts, thermal power plants, premises with high and low temperatures, industrial halls, etc. Use is simple and requires no additional maintenance, and it is resistant to high and low temperatures. Very easy and simple assembly and installation.

Polyester low-voltage distribution cabinet for pole substation.



We manufacture the cabinet from pressed flame-retardant glass-fiber reinforced polyester. It is resistant to impact and bending and has high dielectric strength. It is resistant to atmospheric influences as well as UV radiation. It provides very high mechanical and electrical protection and belongs to high-insulation cabinets. Use is simple and requires no additional maintenance, and it is resistant to high and low temperatures. Very easy and simple assembly and installation.

It is manufactured in three variants:

- Distribution cabinet POLE SUBSTATION 100
- Distribution cabinet POLE SUBSTATION 250
- Distribution cabinet POLE SUBSTATION 400

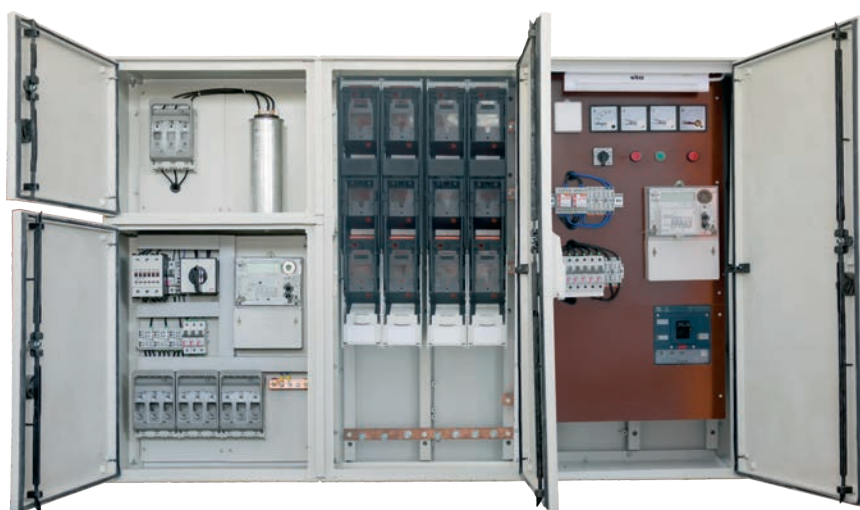
As a rule, the distribution cabinet is mounted on a pole or as part of the pole structure, so that switching and other operations inside the cabinet are performed from the ground. It is permissible for distribution cabinets POLE SUBSTATION 250 and POLE SUBSTATION 400 to be constructed as a separate free-standing distribution cabinet, mounted separately near the pole at a suitable location enabling the most favorable layout of low-voltage lines, made of pressed glass-fiber reinforced polyester.

Code No.	Type
5089210	ROSTS-100-S 1020x1055x300 P
5089215	ROSTS-100-S 1020x1055x300 OP
5089220	ROSTS-250-S 1020x1055x300 P
5089225	ROSTS-250-S 1020x1055x300 OP
5089420	ROSTS-400-S 1020x1055x300 P
5089425	ROSTS-400-S 1020x1055x300 OP

LV DISTRIBUTION CABINET FOR POLE SUBSTATION WITH COMPENSATOR AND LIGHTING FIELD ROSTS-KO 1530x1055x300

Poliesterski razvodni niskonaponski orman za stubnu transformatorsku stanicu sa ormanom za kompenzaciju reaktivne energije i ormanom za priključak javnog osvetljenja.

Distribution,
metering & junction enclosures



We manufacture the cabinet from pressed flame-retardant glass-fiber reinforced polyester. It is resistant to impact and bending and has high dielectric strength. It is resistant to atmospheric influences as well as UV radiation. It provides very high mechanical and electrical protection and belongs to high-insulation cabinets. Use is simple and requires no additional maintenance, and it is resistant to high and low temperatures. Very easy and simple assembly and installation.

It is manufactured in three variants:

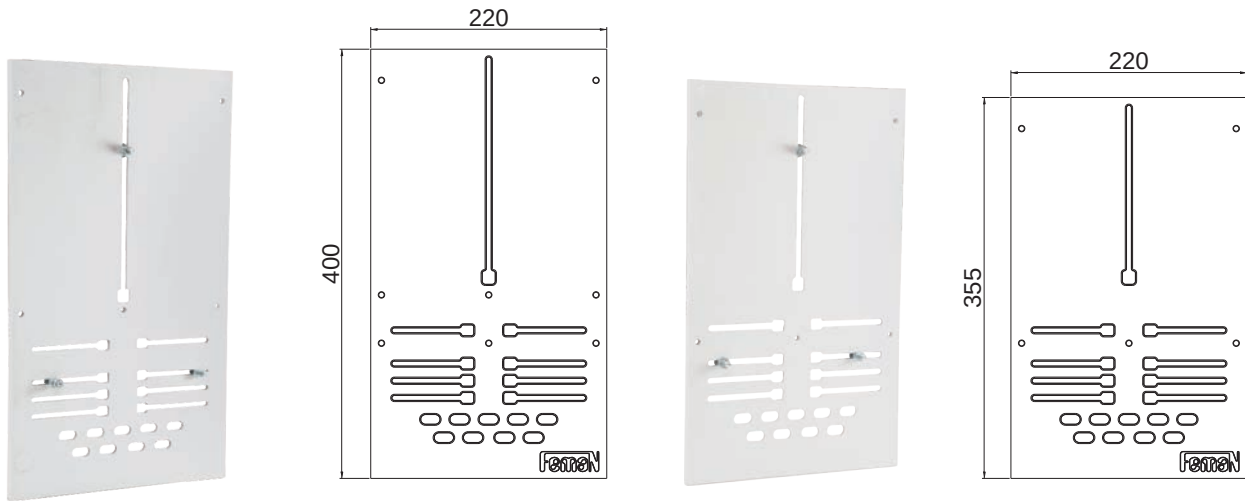
Distribution cabinet POLE SUBSTATION 100
Distribution cabinet POLE SUBSTATION 250
Distribution cabinet POLE SUBSTATION 400

As a rule, the distribution cabinet is mounted on a pole or as part of the pole structure, so that switching and other operations inside the cabinet are performed from the ground. It is permissible for distribution cabinets POLE SUBSTATION 250 and POLE SUBSTATION 400 to be constructed as a separate free-standing distribution cabinet, mounted separately near the pole at a suitable location enabling the most favorable layout of low-voltage lines, made of pressed glass-fiber reinforced polyester.

The reactive power compensation cabinet is made with a separate door. Reactive power compensation is recommended in POLE SUBSTATION 250 (capacitor 20 kvar) and POLE SUBSTATION 400 (capacitor 20 kvar). Connection is executed using single-core or three-core cable, with a conductor cross-section of 25 mm². Public lighting distribution cabinet is made with a separate door.

Code No.	Type
5089510	ROSTSKO-100-S 1020x1055x300 P
5089515	ROSTSKO-100-S 1020x1055x300 OP
5089720	ROSTSKO-250-S 1020x1055x300 P
5089725	ROSTSKO-250-S 1020x1055x300 OP
5089820	ROSTSKO-400-S 1020x1055x300 P
5089825	ROSTSKO-400-S 1020x1055x300 OP

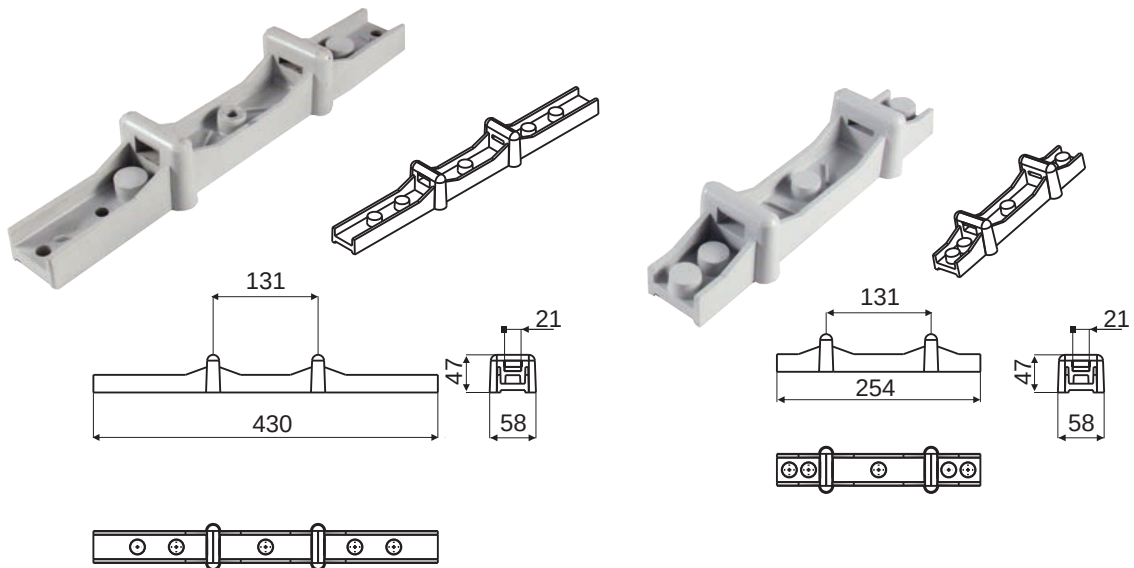
METER BOARD



It is manufactured from high-quality, self-extinguishing insulating material. It is fixed to the metering distribution cabinet housing with four screws in the corners and a security fifth screw below the meter cover. The board is designed so that the meter is height-adjustable, thus enabling installation for all types of meters. There are openings on the board for individual conductor entry.

Code No.	Naziv	Dimension mm
5080003	Meter board FTB-35	220x355
5080004	Meter board FTB-40	220x400

CABINET POLE MOUNTING BRACKETS

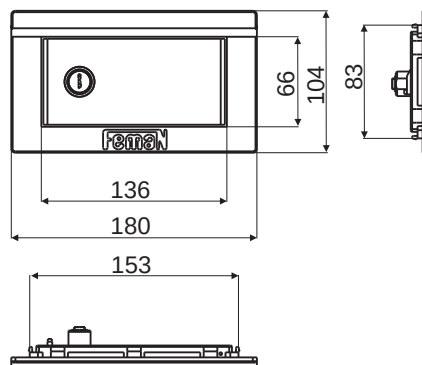
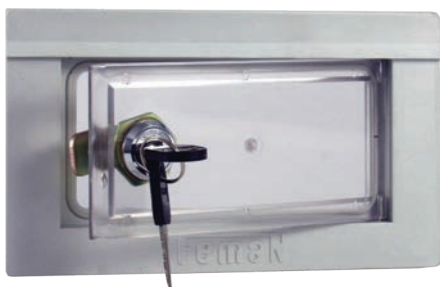


They are manufactured from high-quality, self-extinguishing insulating material. They are designed to enable simple and fast mounting of the cabinet onto the pole. The cabinet is fixed to the pole with two brackets using 19 mm wide stainless steel strap.

Code No.	Designation	Dimension mm
5080011	Cabinet pole mounting bracket FDO-254	58x254x47
5080013	Cabinet pole mounting bracket FDO-430	58x430x47

PARTS FOR INSTALLATION IN POLYESTER CABINETS

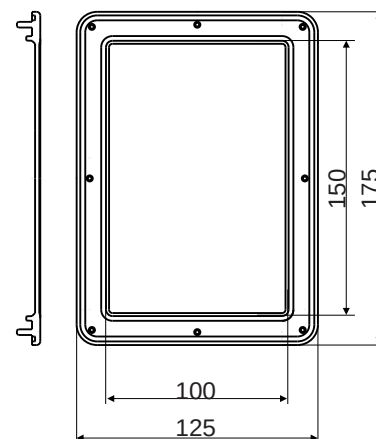
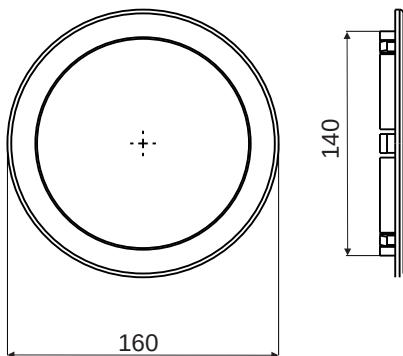
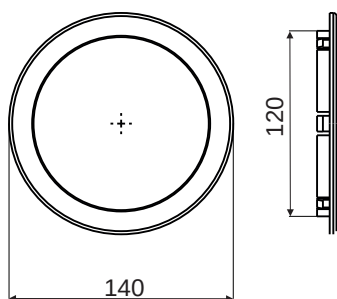
TRANSPARENT DOOR FOR MINIATURE CIRCUIT BREAKERS



They are manufactured from self-extinguishing transparent insulating material, resistant to UV radiation and atmospheric influences. They are delivered together with a universal lock. Installing a gasket achieves a high IP protection degree.

Code No.	Designation	Dimension mm
5082010	Door for miniature circuit breakers	180x104

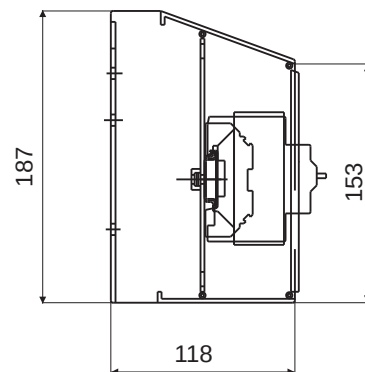
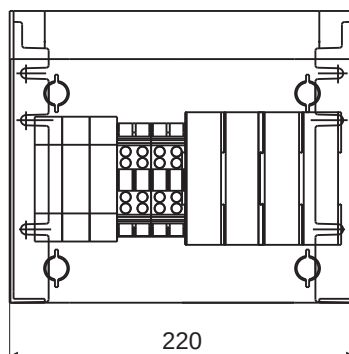
INSPECTION WINDOW ON ELECTRICAL CABINETS



They are manufactured from self-extinguishing transparent insulating material in three standard sizes $\phi 140/120$, $\phi 160/140$, and 150×100 mm, resistant to UV radiation and atmospheric influences. Installing a gasket into the window channel achieves a high degree of IP protection.

Code No.	Designation	Dimension mm
5082002	Cabinet inspection window FPO 120/140	$\phi 120/140$
5082003	Cabinet inspection window FPO 140/160	$\phi 140/160$
5082005	Cabinet inspection window FPO 100/150	100x150

INSULATION CONNECTION BOX



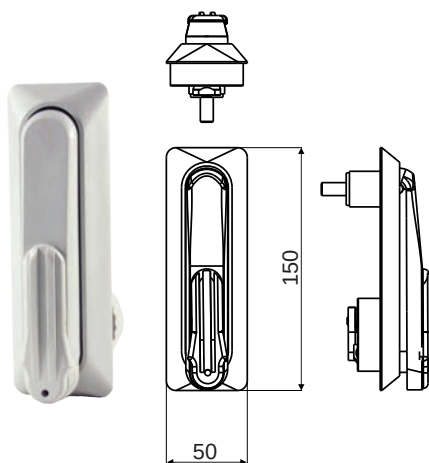
It is manufactured from standard opaque self-extinguishing insulating material, and upon customer request, we also manufacture it from transparent material. The construction of the box allows easy sealing and mounting of two DIN rails with a total length of 440 mm. The cover of the insulation connection box is easily mounted and dismantled using four insulating fasteners.

Code No.	Designation	Dimension mm
5082020	Connection insulated box	220x187x118
5082021	Connection insulated box (transparent)	220x187x118

CABINET LOCKS AND CYLINDERS



Brave



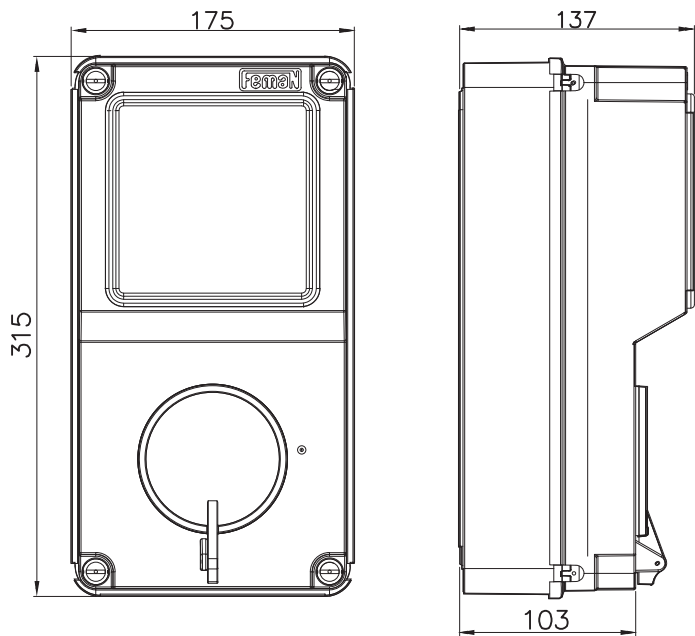
Cilindri



Code No.	Designation
5083001	Half-moon cylinder
5083002	Half-moon key
5083003	Triangle cylinder
5083004	Triangle key
5083005	Standard cylinder
5083006	Cylinder key

Depending on the customer's request, we also offer other types of cylinders and keys.

METERING CABINET ABS MOM1 175x315x137



Leđni nosač

It is manufactured from hard ABS with IP 65 protection. It is impact-resistant up to IK 10 level and features high dielectric strength. It is resistant to atmospheric influences as well as UV radiation. It provides very good mechanical and electrical protection. Usage is simple and requires no additional maintenance. Due to its technical characteristics, it can be used in humid rooms and environments where acids are present.

It is intended primarily for the installation of single-phase meters, but smaller three-phase meters can also be installed, along with accompanying equipment for them (miniature circuit breakers, terminal blocks, etc.).

Code No.	Installation Method	Type	Dimension mm	Degree of protection
5140000	On pole	MOM1-S	175x315x137	IP 65
5140010	On wall	MOM1-Z	175x315x137	IP 65

DISTRIBUTION CABINETS ABS ROP1 210x280x130

Multipurpose universal distribution cabinet made of flame-retardant hard ABS with IP 65 protection rating. It is impact-resistant up to IK 8 level. Supplied with a mounting plate and one triangular lock.

Dimensions: 210x280x130 mm
Packaging: 1 pc
Code number: 5083070

DISTRIBUTION CABINETS ABS ROP1 250x330x130

Multipurpose universal distribution cabinet made of flame-retardant hard ABS with IP 65 protection rating. It is impact-resistant up to IK 8 level. Supplied with a mounting plate and one triangular lock.

Dimensions: 250x330x130 mm
Packaging: 1 pc
Code No.: 5083080

DISTRIBUTION CABINETS ABS ROP2 300x400x165

Multipurpose universal distribution cabinet made of flame-retardant hard ABS with IP 65 protection rating. It is impact-resistant up to IK 8 level. Supplied with a mounting plate and two triangular locks.

Dimensions: 300x400x165 mm
Packaging: 1 pc
Code No.: 5083090

DISTRIBUTION CABINETS ABS ROP2 350x500x195

Multipurpose universal distribution cabinet made of flame-retardant hard ABS with IP 65 protection rating. It is impact-resistant up to IK 8 level. Supplied with a mounting plate and two triangular locks.

Dimensions: 350x500x195 mm
Packaging: 1 pc
Code No.: 5083100

DISTRIBUTION CABINETS ABS ROP2 400x600x200

Multipurpose universal distribution cabinet made of flame-retardant hard ABS with IP 65 protection rating. It is impact-resistant up to IK 8 level. Supplied with a mounting plate and two triangular locks.

Dimensions: 400x600x200 mm
Packaging: 1 pc
Code No.: 5083105

RAZVODNI ORMANI ABS ROP2 600x800x260

Multipurpose universal distribution cabinet made of flame-retardant hard ABS with IP 65 protection rating. It is impact-resistant up to IK 8 level. Supplied with three triangular locks.

Dimensions: 600x800x260 mm
Packaging: 1 pc
Code No.: 5083110

MINIATURE CIRCUIT BREAKER BOX FKL1

Used for sealing a single miniature circuit breaker. Manufactured from polycarbonate in RAL 7035 color.

Dimensions: 30x140x60 mm
Packaging: 140 pcs
Code No.: 5138151

MINIATURE CIRCUIT BREAKER BOX FKL3

Used for sealing three miniature circuit breakers. Manufactured from polycarbonate in RAL 7035 color.

Dimensions: 80x140x60 mm
Packaging: 56 pcs
Code No.: 5138153

MINIATURE CIRCUIT BREAKER BOX FKL8

Used for sealing eight miniature circuit breakers. Manufactured from polycarbonate in RAL 7035 color.

Dimensions: 120x140x60 mm
Packaging: 8 pcs
Code No.: 5138158

TERMINAL BLOCK FRS

Used for wiring metering and distribution cabinets. The housing is manufactured from high-quality imported plastic materials with V0 self-extinguishing rating. Contacts are made of brass profiles, allowing simultaneous connection of copper and aluminum conductors. The terminal base is designed to mount sequentially on all existing types of DIN rails.

Code No.	Type	Incoming conductor clamping capacity	Outgoing conductor clamping capacity	Packaging pcs	Weight kg/100 pcs
5000182	FRS 4-16/2	2x (4-6-10-16)mm ²	2x(4-6-10-16)	75	7
5000184	FRS 4-25 D	2x (4-6-10-16-25)mm ²	2x(4-6-10-16)	75	7

TERMINAL BLOCK FRS 4-16/4

Used for wiring metering and distribution cabinets. The housing is manufactured from high-quality imported plastic materials with a V0 self-extinguishing rating and heat resistance up to 110°C without deformation. Contacts are made of brass profiles, allowing simultaneous connection of copper and aluminum conductors.

The terminal housing is designed for sequential mounting on all existing types of DIN rails and can be interconnected with one another. The clamping capacity for line-side and load-side conductors ranges from 4 mm² to 16 mm².

Code No.	Type	Incoming conductor clamping capacity	Outgoing conductor clamping capacity	Packaging pcs	Weight kg/100 pcs
5000181	FRS 4-16/4	4x(4-6-10-16) mm ²	4x(4-6-10-16)	80	13,5
5000191	PK 1	4x(4-6-10-16) mm ²	4x(4-6-10-16)	80	15

TWO-POLE TERMINAL BLOCK FRS-D 16-35/2x(4-16)



Used for wiring metering and distribution cabinets. The housing is manufactured from high-quality imported plastic materials with a V0 self-extinguishing rating and heat resistance up to 110°C without deformation. Contacts are made of brass profiles, allowing simultaneous connection of copper and aluminum conductors.

The terminal housing is designed for sequential mounting on all existing types of DIN rails and can be interconnected with one another. The maximum cross-section of the two line-side (incoming) conductors is 35 mm², while the maximum cross-section of the load-side (outgoing) conductors is 16 mm².

Code No.	Type	Incoming conductor clamping capacity	Outgoing conductor clamping capacity mm ²	Packaging pcs	Weight kg/100 pcs
5000180	FRS-D 16-35/2x(4-16)	2x(16-25-35) mm2	2x(2x(4-6-10-16))	80	18
5000192	PK 2	4x(16-25-35) mm2	4x(2x(4-6-10-16))	40	37,5

FOUR-POLE TERMINAL BLOCK FRS 16-35/4x(4-16)



Used for wiring metering and distribution cabinets. The housing is manufactured from high-quality imported plastic materials with a V0 self-extinguishing rating and heat resistance up to 110°C without deformation. Contacts are made of brass profiles, allowing simultaneous connection of copper and aluminum conductors.

The terminal housing is designed for sequential mounting on all existing types of DIN rails and can be interconnected with one another. The maximum cross-section of the line-side (incoming) conductor is 35 mm², while the maximum cross-section of the load-side (outgoing) conductors is 16 mm².

Code No.	Type	Incoming conductor clamping capacity	Outgoing conductor clamping capacity mm ²	Packaging pcs	Weight kg/100 pcs
5000179	FRS 16-35/4x(4-16)	16-25-35 mm2	4x(4-6-10-16)	80	15
5000194	PK 4	4x(16-25-35) mm2	16x(4-6-10-16)	20	63

SIX-POLE TERMINAL BLOCK FRS 16-35/6x(4-16)



Used for wiring metering and distribution cabinets. The housing is manufactured from high-quality imported plastic materials with a V0 self-extinguishing rating and heat resistance up to 110°C without deformation. Contacts are made of brass profiles, allowing simultaneous connection of copper and aluminum conductors.

The terminal housing is designed for sequential mounting on all existing types of DIN rails and can be interconnected with one another. The maximum cross-section of the line-side (incoming) conductor is 35 mm², while the maximum cross-section of the load-side (outgoing) conductors is 16 mm².

Code No.	Type	Incoming conductor clamping capacity	Outgoing conductor clamping capacity mm ²	Packaging pcs	Weight kg/100 pcs
5000178	FRS 16-35/6x(4-16)	16-25-35mm2	6x(4-6-10-16)	30	25
5000196	PK 6	4x(16-25-35)mm2	24x(4-6-10-16)	10	103

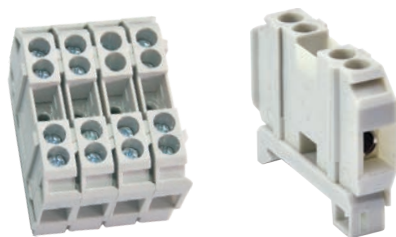
SEALABLE COVER FOR TERMINAL BLOCKS



Used for sealing terminal blocks. Manufactured from high-quality transparent plastic materials.

Code No.	Designation	Type	Packaging pcs	Weight kg/100 pcs
5000188	Sealable cover for terminal blocks FRS 4-16/4	FPB 4-16/4	100	1,5
5000189	Sealable cover for terminal blocks FRS 16-35	FPB-D 16-35/2	100	2,5

MODULAR TERMINAL BLOCK MRS 4-16



Used for wiring metering and distribution cabinets. The housing is manufactured from high-quality imported plastic materials with a V0 self-extinguishing rating and heat resistance up to 110°C without deformation. Contacts are made of brass profiles, allowing simultaneous connection of copper and aluminum conductors.

The terminal housing is designed for sequential mounting on all existing types of DIN rails and can be interconnected with one another. The maximum cross-section of the line-side (incoming) conductor is 35 mm², while the maximum cross-section of the load-side (outgoing) conductors is 16 mm².

Code No.	Type	Incoming conductor clamping capacity	Outgoing conductor clamping capacity mm ²	Packaging pcs	Weight kg/100 pcs
5000185	MRS 4-16/1	4-6-10-16 mm ²	4-6-10-16	150	2,5
5000186	MRS 4-16/2	4-6-10-16 mm ²	4-6-10-16	100	5
5000187	MRS 4-16/4	4-6-10-16 mm ²	4-6-10-16	50	10

MODULAR TERMINAL BLOCK FRS 4-35



Used for wiring metering and distribution cabinets. The housing is manufactured from high-quality imported plastic materials with a V0 self-extinguishing rating and heat resistance up to 110°C without deformation. Contacts are made of brass profiles, allowing simultaneous connection of copper and aluminum conductors.

The terminal housing is designed for sequential mounting on all existing types of DIN rails and can be interconnected with one another. The cross-section of the line-side (incoming) conductor ranges from 4 to 35 mm², while the cross-section of the load-side (outgoing) conductor also ranges from 4 to 35 mm².

Code No.	Type	Incoming conductor clamping capacity	Outgoing conductor clamping capacity mm ²	Packaging pcs	Weight kg/100 pcs
5000167	FRS 4-35/1	4-6-10-16-25-35 mm ²	4-6-10-16-25-35	75	6,5
5000168	FRS 4-35/2	4-6-10-16-25-35 mm ²	4-6-10-16-25-35	75	13
5000170	FRS 4-35/4	4-6-10-16-25-35 mm ²	4-6-10-16-25-35	75	26

SIX-POLE TERMINAL BLOCK FRS 95/6x(4-16)

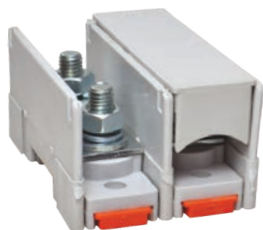


Used for wiring metering and distribution cabinets. The housing is manufactured from high-quality imported plastic materials with a V0 self-extinguishing rating and heat resistance up to 110°C without deformation. Contacts are made of brass profiles, allowing simultaneous connection of copper and aluminum conductors.

The terminal housing is designed for sequential mounting on all existing types of DIN rails and can be interconnected with one another. Conductor connection is secured via an M8 screw for a maximum conductor cross-section of 95 mm². The maximum cross-section of the load-side (outgoing) conductors is 16 mm².

Code No.	Type	Incoming conductor clamping capacity	Outgoing conductor clamping capacity	Packaging pcs	Weight kg/100 pcs
5000176	FRS 95/6x(4-16)	10-16-25-35-50-70-95 mm ²	6x(4-6-10-16) mm ²	20	30

TERMINAL BLOCK FRS 95/95



Used for wiring metering and distribution cabinets. The housing is manufactured from high-quality imported plastic materials with a V0 self-extinguishing rating and heat resistance up to 110°C without deformation. The contact is made of a brass busbar, allowing simultaneous connection of copper and aluminum conductors.

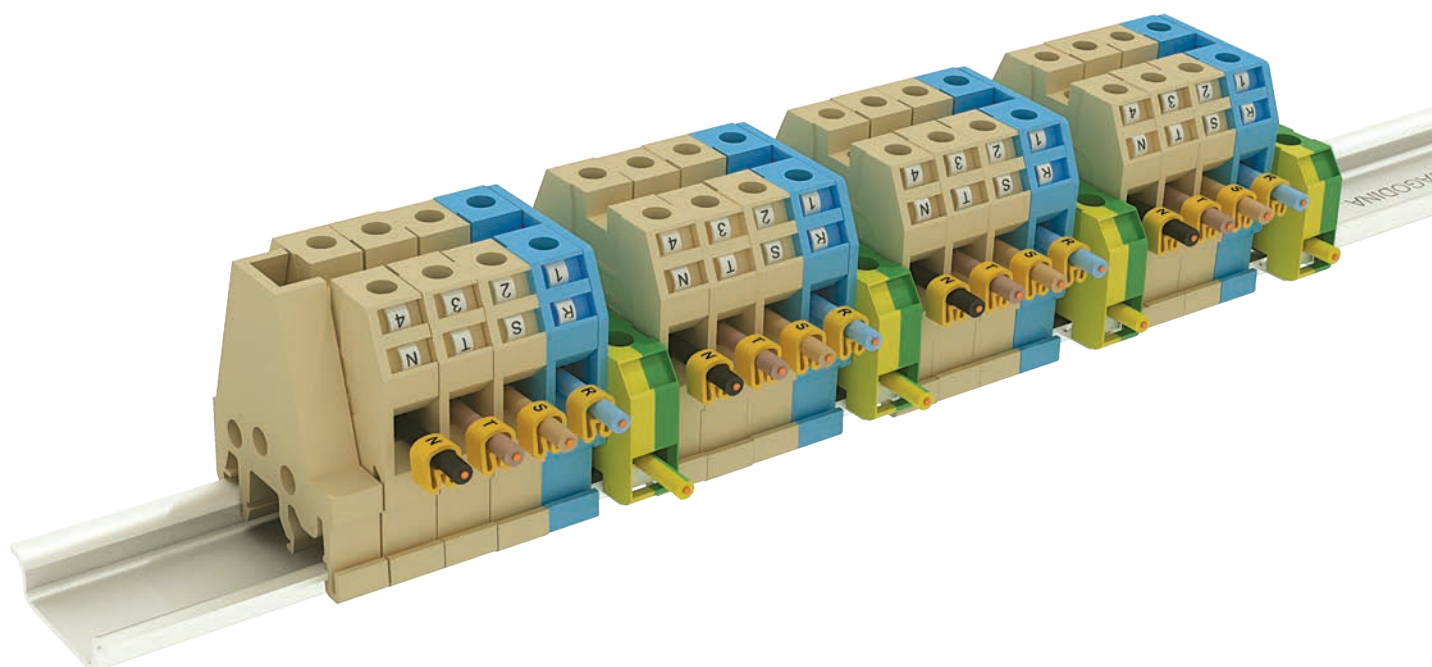
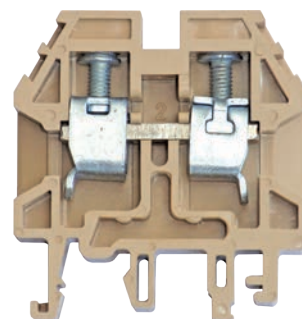
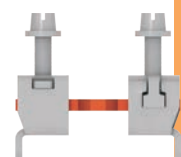
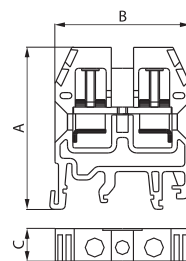
The terminal housing is designed for sequential mounting on all existing types of DIN rails and can be interconnected with one another. Conductor connection is secured via screw. The maximum conductor cross-section is up to 95 mm².

Packaging: 50 pcs

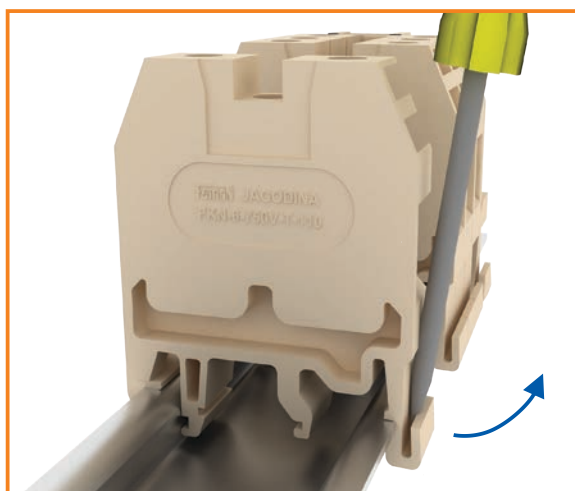
RAIL-MOUNTED TERMINAL BLOCKS (VS TERMINAL BLOCKS)

Code No.	Designation mm ²	Dimensions AxBxC	Packaging pcs	Weight kg/100 pcs
5000004	FKN 2,5-4	48X40X7	120	1,31
5000005	FKN 6	48X40X7	100	1,8
5000010	FKN 10	48X40X10	100	2,2
5000016	FKN 16	53X50X12	50	2,93

The housings of FEMAN terminal blocks for rail mounting have been manufactured exclusively from top-quality imported plastic materials, featuring a V0 self-extinguishing rating, 750V insulation properties, and heat resistance up to 110°C without deformation. The bases of the terminals are designed for sequential mounting on all existing types of FEMAN rails. VS terminal blocks are manufactured entirely in accordance with current IEC regulations for this product category. In addition to multiple terminal sizes (2.5–35 mm²), FEMAN also produces a complete range of accompanying accessories. FEMAN has proven its quality in manufacturing rail-mounted terminal blocks over the past several years, with a reference track record of

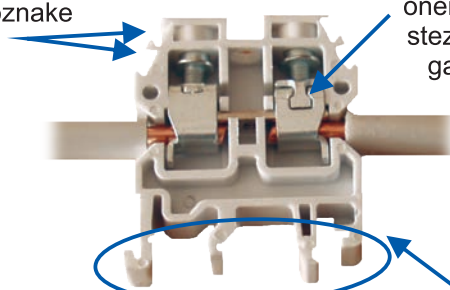


Brza i laka montaža i demontaža na sve vrste šina



Kućište kleme izrađuje se od BAYER-ovih visokokvalitetnih, visokotemperaturnih, samogasivih poliamida sa svojstvom velike žilavosti - ne pucaju noseći zubi i otvor za odvijanje

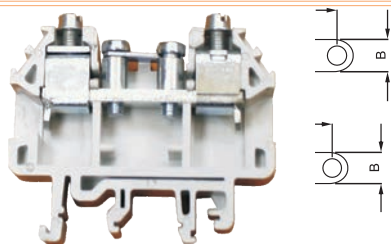
Mesto za oznake



Vrhunsko tehničko rešenje specifičan T spoj završljivanje kontaktnog dela onemogućuje otvaranje stezača kleme i time je garantovan siguran i trajan spoj

Podnožja kleme su univerzalna i mogu se nizati na sve vrste šina

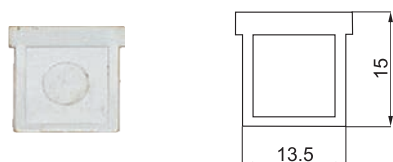
RAIL-MOUNTED TERMINAL BLOCK (VS TERMINAL BLOCK) JUMPER 1.5 - 16 mm² - WITH ACCESSORIES



Note: When connecting stranded conductors to VS terminal blocks, it is mandatory to use insulated end sleeves (ferrules), pin terminals, or to tin the conductor end.

Code No.	Designation mm ²	Dimensions AxBxC	Packaging pcs	Weight kg/100 pcs
5000066	FKN 16 P	53x50	50	3,2
5000281	2 -pole jumper 16-P moveable	/	50	0,6
5000282	2 -pole jumper 16-P static	/	50	0,63
5000284	Bridging roll with screw 16-P	/	50	0,9

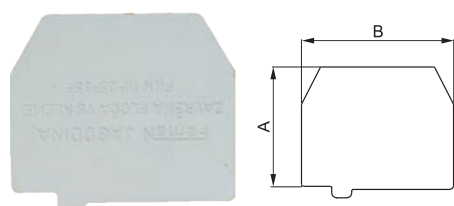
PARTITION PLATE FOR VS TERMINAL BLOCKS



Used for separating jumpers when mounting VS terminal blocks. The thickness of the partition plate is 0.5 mm.

Packaging: 100 pcs
Weight: 0,01 kg/100 pcs
Code No.: 5000118

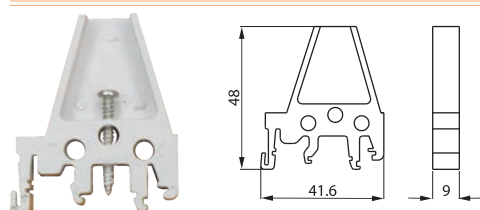
END PLATE FOR VS TERMINAL BLOCKS



Used for mounting VS terminal blocks as the end of a terminal strip, specifically for closing the open side of a VS terminal block, as well as for separating groups of terminals.

Code No.	Compatible with	Dimensions AxBxC	Packaging pcs	Weight kg/100 pcs
5000066	FKN 4-10	37x40	500	0,3
5000281	FKN 16-35	42x50	500	0,42

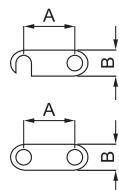
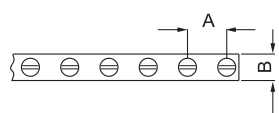
END CLAMP FOR VS TERMINAL BLOCKS



Used at the end of a VS terminal strip for securing onto the rail. The body of the end stop is manufactured from top-quality polyamide. Thanks to the specific design of its base, it can be mounted on all standard rails.

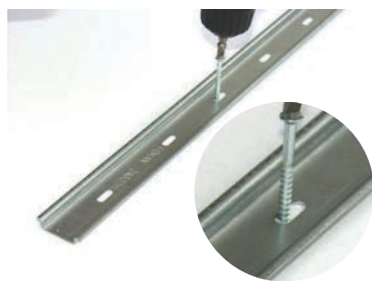
Packaging: 100 kom
Weight: 0,96 kg/100kom
Code No.: 5000120

JUMPER BAR FOR VS TERMINAL BLOCK



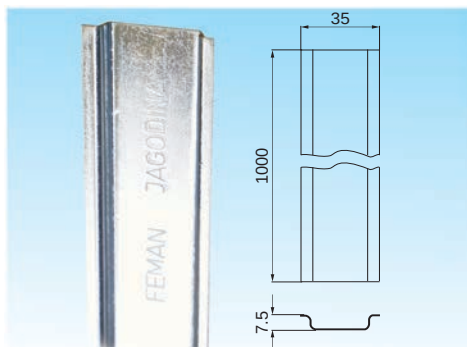
Code No.	Poles No.	Compatible with	A mm	B mm	Packaging pcs	Weight kg/100 pcs
5000204	2	FKN 2.5-4	7,8	6x1	10	0,7
5000206	2	FKN 6	8,9	6x1	10	0,76
5000210	2	FKN 10	10,2	6x1	10	0,82
5000216	2	FKN 16	12,2	6x2	10	0,88
5000235	2	FKN 25-35	21,1	6x2	10	0,94
5000236	3	FKN 2.5-4	7,8	6x1	10	1,05
5000237	3	FKN 6	8,9	6x1	10	1,14
5000238	3	FKN 10	10,2	6x1	10	1,23
5000240	3	FKN 16	12,2	6x2	10	1,32
5000242	3	FKN 25-35	21,1	6x2	10	1,41
5000244	4	FKN 2.5-4	7,8	6x1	10	1,4
5000246	4	FKN 6	8,9	6x1	10	1,52
5000247	4	FKN 10	10,2	6x1	10	1,64
5000248	4	FKN 16	12,2	6x2	10	1,76
5000249	4	FKN 25-35	21,1	6x2	10	1,88
5000250	5	FKN 2.5-4	7,8	6x1	10	1,75
5000251	5	FKN 6	8,9	6x1	10	1,9
5000252	5	FKN 10	10,2	6x1	10	2,05
5000253	5	FKN 16	12,2	6x2	10	2,2
5000254	5	FKN 25-35	21,1	6x2	10	2,35
5000255	10	FKN 2.5-4	7,8	6x1	10	3,5
5000260	10	FKN 6	8,9	6x1	10	3,8
5000270	10	FKN 10	10,2	6x1	10	4,1
5000275	10	FKN 16	12,2	6x2	10	4,4
5000278	10	FKN 25-35	21,1	6x2	10	4,7
5000281	2 pokr.	FKN 16 P	12,2	6x1	10	0,6

DIN RAIL FOR VS TERMINAL BLOCKS



Used to support VS terminal blocks arranged in a row. The advantage of this rail is that it is produced by rolling and calibrated to hold all elements securely, ensuring the locking feet of the components grip tightly onto the rail. Thanks to narrow manufacturing tolerances, these rails are resistant to cracking.

Packaging: 10 pcs
Weight: 31 kg/100pcs
Code No.: 5000200



BLADE FUSE PULLING HANDLE



Code No.	Type	In A	Packaging pcs	Weight kg/100 pcs
5410001	NV-00-3	2-630	10	0,27
5410002	PROTECTED	2-630	10	0,5

Used for inserting and removing blade fuses from NV-00 to NV-03. It is manufactured from thermoplastic electrical insulating material. Available with and without protective sleeve (or hand guard).

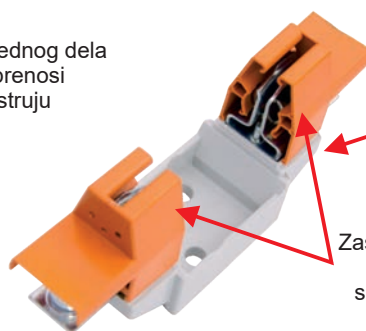
SINGLE-POLE NH FUSE BASES



Code No.	Type	In A	Packaging pcs	Weight kg/100 pcs
5410101	FPK 160/1	160	3	0,18
5410251	FPK 250/1	250	3	0,59
5410401	FPK 400/1	400	3	1,03

Used for protecting electrical networks against short circuits and overloads.

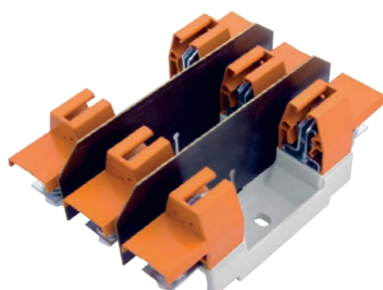
Kontakt iz jednog dela
pouzdanu prenosi
nominalnu struju



Postolje je izrađeno od poliestera
čime je obezbeđena visoka
mehanička čvrstoća

Zaštitni poklopci od specijalnog poliamida
otpornog na visoke temperature
su pouzdana zaštita od dodira napona

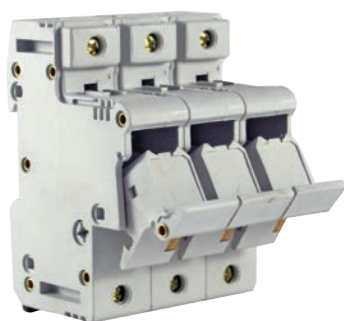
THREE-POLE NH FUSE BASES



Code No.	Type	In A	Packaging pcs	Weight kg/100 pcs
5410103	FPK 160/3	160	1	0,56
5410253	FPK 250/3	250	1	1,76
5410403	FPK 400/3	400	1	3,07

Used for protecting electrical networks against short circuits and overloads.

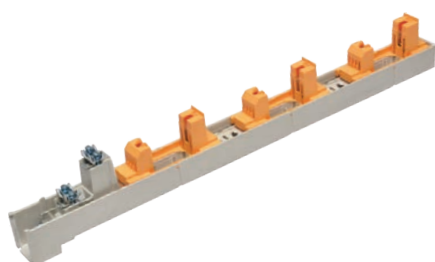
THREE-POLE FUSE SWITCH DISCONNECTOR 50 A (ø14x51)



Used for protecting electrical networks against short circuits and overloads. It is designed for mounting on a 35 mm DIN rail and for a maximum current up to 50 A. Cylindrical fuses ø14x51 mm are used for currents of 2, 4, 6, 8, 10, 12, 16, 20, 25, 32, 40, or 50 A. The housing is designed to allow sealing in both the ON and OFF positions, with or without a fuse-link inserted. Incoming and outgoing conductors are connected via screwless connections in the range from 1.5 to 35 mm².

Dimensions: 81x112x102 mm
Weight: 33 kg/100 pcs
Code No.: 5400250

OPEN TYPE VERTICAL FUSE SWITCH DISCONNECTOR



Code No.	Type	Rated current A	Maximum operating voltage V	Insulation voltage V	Packaging pcs
5400041	L00 - 160/3	160	690	750	1
5400042	FR1 - 250/3	250	690	1000	1
5400043	FR2 - 400/3	400	690	1000	1
5400044	FR3 - 630/3	630	690	1000	1

Used for protecting electrical networks against short circuits and overloads. Designed for mounting on busbars (Cu rails). They are easy to install and occupy minimal space on the mounting panel. The housing is made of self-extinguishing polycarbonate.

VERTICAL FUSE SWITCH DISCONNECTOR



Code No.	Type	Rated current A	Maximum operating voltage V	Insulation voltage V	Packaging pcs
5400037	SL00 - 160/3	160	690	750	100
5400031	FD1 - 160/3	160	690	1000	185
5400032	FD1 - 250/3	250	690	1000	185
5400033	FD2 - 400/3	400	690	1000	185
5400034	FD3 - 630/3	630	690	1000	185

Used for protecting electrical networks against short circuits and overloads. Designed for mounting on busbars. They are easy to install, occupy minimal space on the mounting panel, and provide protection against touch voltage. The housing is made of self-extinguishing polycarbonate.

HORIZONTAL FUSE SWITCH DISCONNECTOR



Code No.	Type	Rated current A	Maximum operating voltage V	Insulation voltage V	Packaging pcs
5400115	FH00 - 160/1	160	690	1000	1
5400116	FH00 - 160/3	160	690	1000	1
5400124	FH1 - 250/1	250	690	1000	1
5400125	FH1 - 250/3	250	690	1000	1
5400139	FH2 - 400/1	400	690	1000	1
5400140	FH2 - 400/3	400	690	1000	1
5400162	FH3 - 630/1	630	690	1000	1
5400163	FH3 - 630/3	630	690	1000	1

Used for protecting electrical networks against short circuits and overloads. They are easy to install, occupy minimal space on the mounting panel, and provide protection against touch voltage. The housing is made of self-extinguishing polycarbonate and is equipped with arc extinguishing chambers.

THREE-PHASE ENCLOSED FUSES



Code No.	Type	Length mm	Width mm	Packaging pcs	Weight kg/100 pcs
5100020	3x63 A	226	150	15	1,4
5100022	3x35 A	226	150	15	1,3
5100026	3x25 A	226	150	15	1,2

Used for securing house service connections, designed for mounting in the attic or inside the meter cabinet. They are supplied upon customer request with contact screws and fuse-links. The housing is made of thermoplastic material.

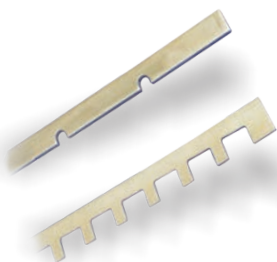
SINGLE-PHASE ENCLOSED FUSES



Code No.	Type	Length mm	Width mm	Packaging pcs	Weight kg/100 pcs
5100035	63 A	115	85	15	0,6
5100032	35 A	115	85	15	0,5
5100031	25 A	115	85	15	0,45

An integrated DIN rail ("snap rail") is fitted inside the boards for mounting automatic circuit breakers and porcelain fuses up to 63 A.

SINGLE-POLE COPPER BUSBARS FOR FUSES



Code No.	For fuse	Length mm	Packaging pcs	Weight kg/100 pcs
5100125	25 A	200	10	14,24
5100163	63 A	200	10	18,4
5100170	Automatski	216	10	13,6

Used for interconnecting fuses. Each busbar (phase) is insulated with a self-extinguishing plastic profile.

COPPER BUSBARS FOR FUSES



Code No.	For fuse	Length mm	Packaging pcs	Weight kg/100 pcs
5100111	H TIP 1P	1000	25	24,1
5100112	H TIP 2P	1000	20	46,2
5100113	H TIP 3P	1000	15	68,4
5100114	H TIP 4P	1000	10	90,8
5100121	U TIP 1P	1000	25	28,1
5100122	U TIP 2P	1000	20	54,2
5100123	U TIP 3P	1000	15	80,4
5100124	U TIP 4P	1000	10	106,8

Used for protecting electrical networks against short circuits and overloads. They are easy to install, occupy minimal space on the mounting panel, and provide protection against touch voltage. The housing is made of self-extinguishing polycarbonate and equipped with arc extinguishing chambers.

MINIATURE CIRCUIT BREAKERS



Code No.	In A	Un V	Type	Short-circuit current kA	Packaging pcs	Weight kg/100 pcs
6603340	6	230/400	C	10	12	120
6603047	10	230/400	C	10	12	120
6603048	16	230/400	C	10	12	120
6603054	20	230/400	C	10	12	120
6600984	25	230/400	C	10	12	120
6603661	32	230/400	C	10	12	120
6604593	40	230/400	C	10	12	120
6603431	50	230/400	C	10	12	120
6602042	63	230/400	C	10	12	120

Miniature Circuit Breakers (MCBs) are used for protecting electrical networks against overloads and short circuits. Type C is intended for general applications, protecting electrical machinery, household appliances, and electric motors with low inrush currents.

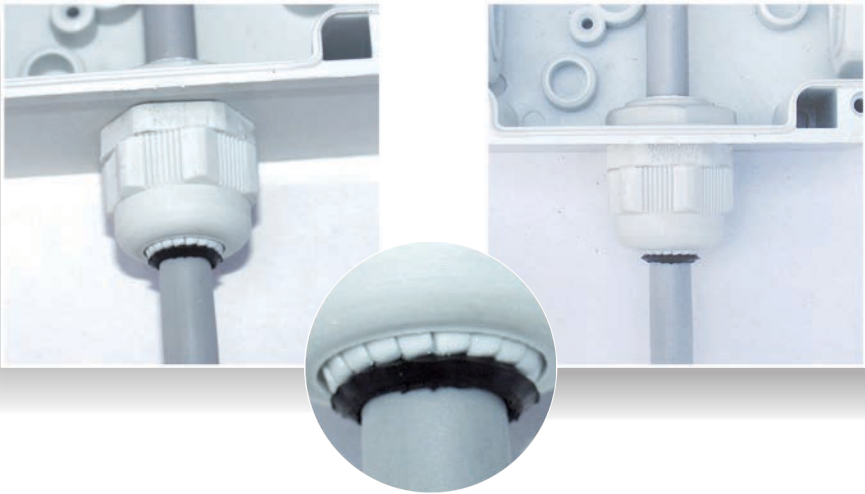
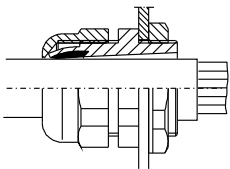
WATERPROOF PA-PVC CABLE GLANDS

Code No.	Type	Thread PG (Re)	For cable diamete mm	Packaging pcs	Weight kg/100 pcs
5300071	PG-13.5	13.50	8-12	100	1,1/1,5
5300072	PG-16	16	10-14	100	1,5/1,8
5300073	PG-21	21	13-18	100	2,6/2,8
5300074	PG-29	29	18-25	100	3,6/4,3
5300075	PG-36	36	22-32	100	7,2/8,5

They are made of polyamide. Polyamide cable glands reinforced with glass fiber are used where high tensile strength is required. The cable glands are self-extinguishing and resistant to UV radiation and atmospheric influences. They are certified in accordance with DIN 46320. Today, these types of cable glands are used exclusively, as they provide complete protection against touch voltage.



Uvodnice u zaštiti IP65





EXAMPLES OF METERING AND DISTRIBUTION CABINETS





EXAMPLES OF METERING AND DISTRIBUTION CABINETS



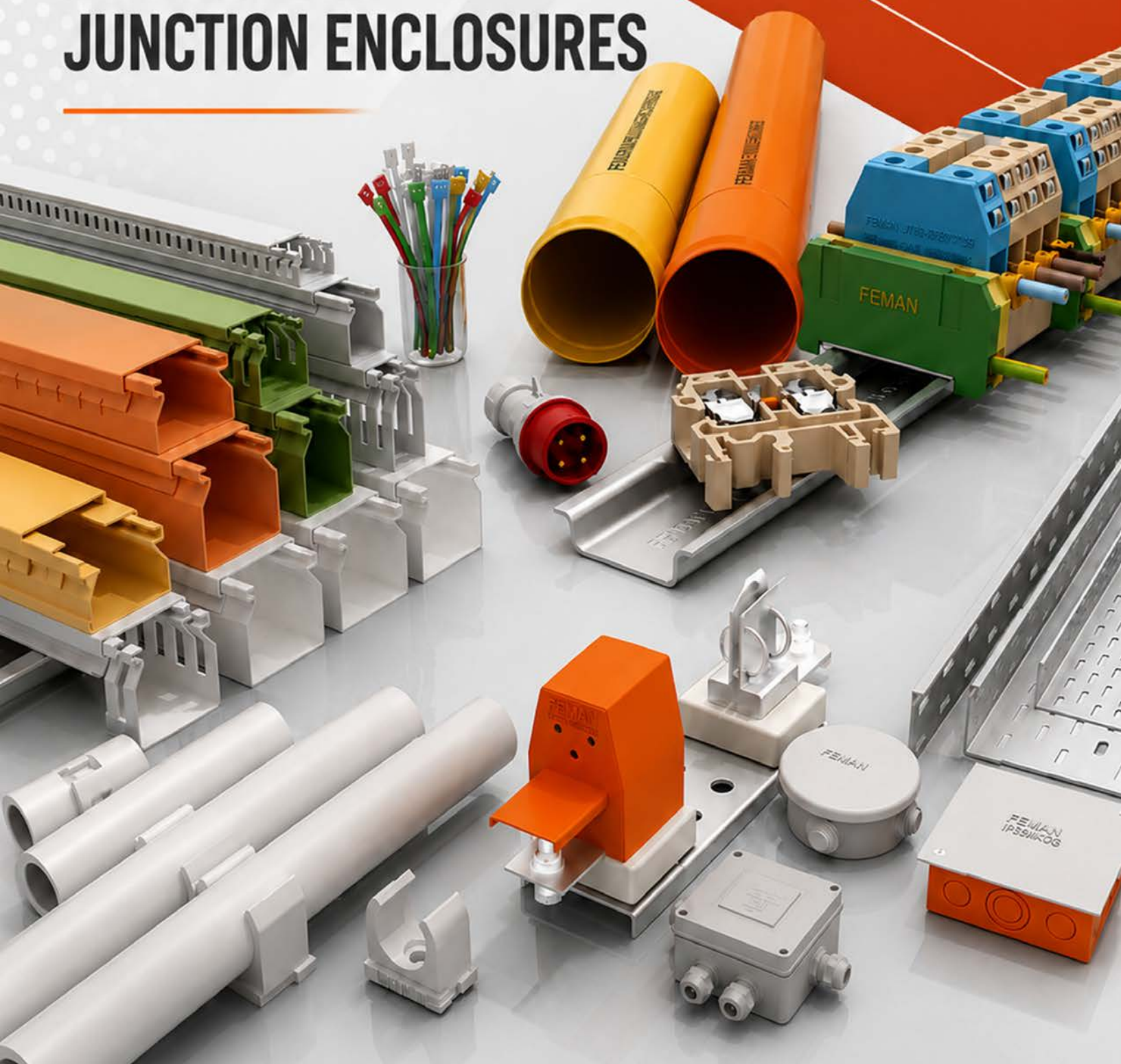




FemaN

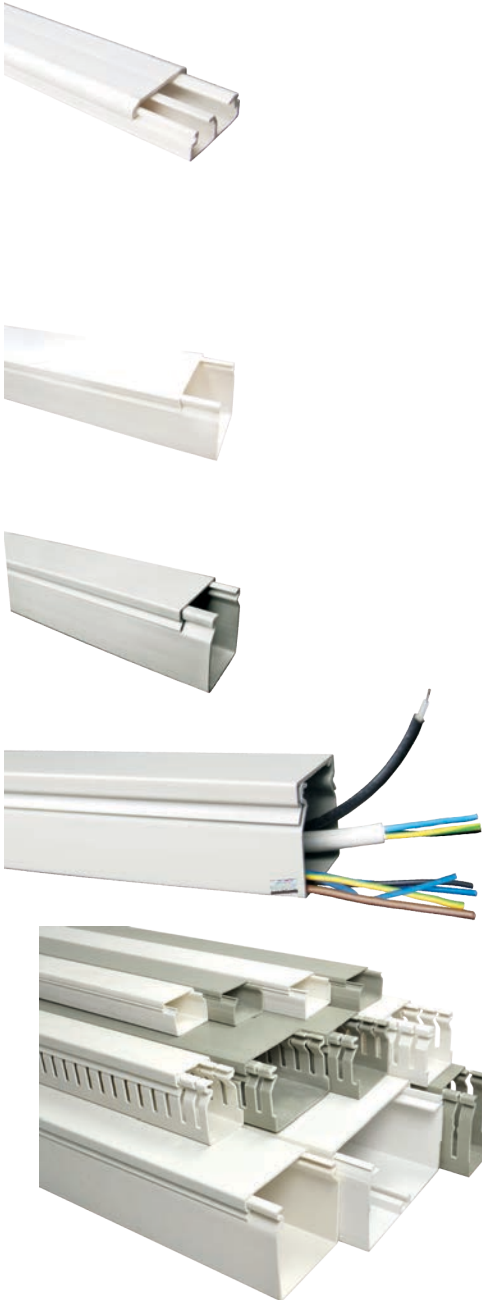
6

DISTRIBUTION, METERING & JUNCTION ENCLOSURES



PVC CABLE TRUNKING

Code No.: white	Code No.: grey	AxB mm	Length mm	Packaging pcs	Weight kg/ kom
5003013	5003014	15x10x2000	2000	100	0,14
5003015	5003016	16x16x2000	2000	50	0,2
5003017	5003018	17x17x2000	2000	50	0,28
5003023	5003024	25x16x2000	2000	50	0,29
5002540	5002542	25x40x2000	2000	25	0,56
5003010	5003011	30x10x2000	2000	50	0,37
5003020	5003021	30x20x2000	2000	50	0,38
5003025	5003026	30x25x2000	2000	25	0,55
5003040	5003041	30x40x2000	2000	25	0,74
5003060	5003061	30x60x2000	2000	20	0,82
5004020	5004021	40x20x2000	2000	25	0,56
5004040	5004041	40x40x2000	2000	20	0,8
5004060	5004061	40x60x2000	2000	20	1,03
5006040	5006041	60x40x2000	2000	20	1,05
5006060	5006061	60x60x2000	2000	16	1,22
5006160	5006161	100x60x2000	2000	8	1,9
5012060	5012061	120x60x2000	2000	8	2,1



Cable trunking systems are used for the modern routing and laying of all types of electrical, telecommunications, signaling, and other surface-mounted wall installations. They enable easy installation, quick conductor replacement in case of faults, and convenient future wiring modifications. They provide reliable mechanical protection for conductors, ensure clear organization, and give the installation a clean, aesthetic appearance. They are dimensionally stable and highly resistant to chemicals, making them suitable for horizontal and vertical mounting on any surface.

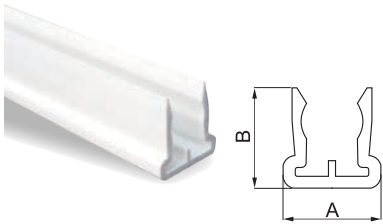
T-junctions and branch connections are created by cutting out the side walls to match the dimensions of the branching trunking, while corner bends are achieved by mitering the trunking ends to the required angles. The cover snaps onto the top manually without the use of tools. These same covers can also be used to seal the ends of the trunking if necessary by cutting the side walls to the height of the trunking, heating the bend line, and shaping it accordingly.

The 30x10 trunking is designed for surface-mounted telecom, electrical, and computer cabling in offices, laboratories, workshops, and similar environments. It features an internal longitudinal divider and a design that blends seamlessly into any interior. The construction allows for the neat and separated routing of telecom and data cables alongside power conductors. The trunking is manufactured from rigid, self-extinguishing PVC, temperature-resistant up to 70°C.

Možemo Vam ponuditi
i tipove za montažu
ovog proizvoda

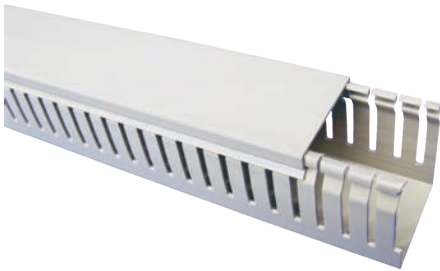


PVC SURFACE-MOUNT CABLE TRUNKING

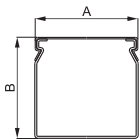
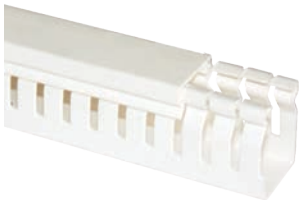


Code No.	For conductor mm ²	Length mm	Packaging pcs	Weight kg/100 kom
5000315	3 x 1,5	2000	50	13,6
5000325	3 x 2,5	2000	50	17
5000525	5 x 2,5	2000	50	20,6

SLOTTED PVC CABLE TRUNKING

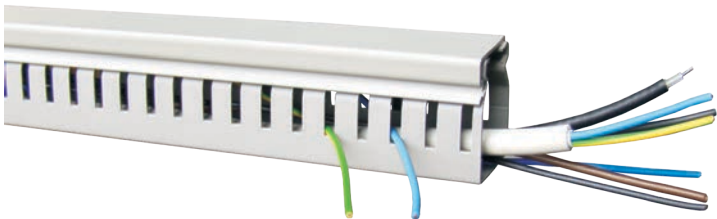


Code No.: beli	Type	AxB mm	Length mm	Packaging pcs	Weight kg/ kom
5063040	5063041	30 x 40	2000	25	0,6
5063060	5063061	30 x 60	2000	20	0,7
5064040	5064041	40 x 40	2000	20	0,65
5064060	5064061	40 x 60	2000	20	0,9
5066040	5066041	60 x 40	2000	20	0,88
5066060	5066061	60 x 60	2000	16	1,14
5066120	5066121	60 x 120	2000	10	1,92



Slotted cable trunking is highly suitable for routing and laying surface-mounted installations in offices, laboratories, workshops, and similar environments. It enables easy installation, quick conductor replacement in case of faults, and convenient future wiring modifications. It provides reliable mechanical protection for electrical wiring, ensures clear organization, and gives the installation a clean, aesthetic appearance. It is dimensionally stable and highly resistant to chemicals, making it suitable for horizontal and vertical mounting on any surface. The side walls of the wiring trunking are slotted, allowing for easy branching of electrical lines and securing them to various components. The size of the opening is adjusted by breaking out one or more fingers on the side walls. The trunking is manufactured from rigid, self-extinguishing PVC, temperature-resistant up to 70°C. It is produced as standard in white and gray, but can be custom-made in any other color upon request

Možemo Vam ponuditi
i tiplove za montažu
ovog proizvoda

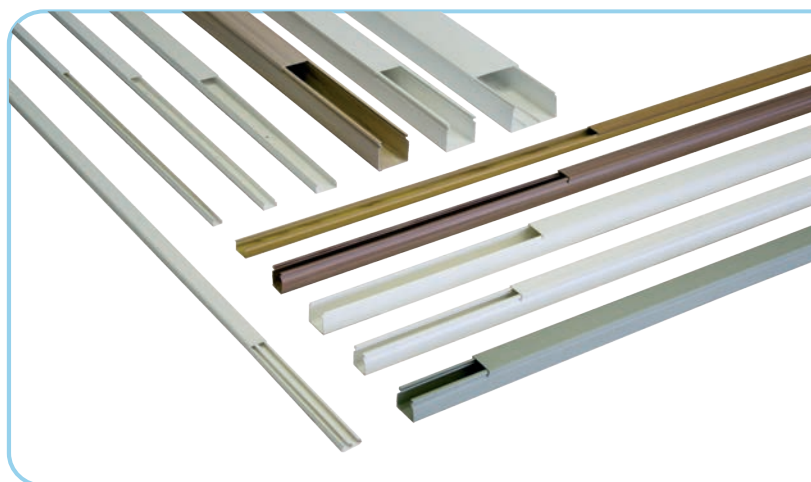


HALOGEN-FREE CABLE TRUNKING

They are used in buildings with high occupancy or high-value assets, such as industrial facilities, hotels, airports, shopping centers, hospitals, cinemas, schools, tunnels, and similar locations. They feature very low emissions or complete absence of toxic gases and smoke, facilitating clearer visibility of emergency exits in hazardous situations. The trunking is manufactured from halogen-free material with higher temperature resistance than PVC—up to 95°C—and possesses a UL 94 V-0 flammability rating.

The modern design of the cover-to-trunking joint ensures easy assembly, fast conductor replacement during fault repairs, and convenient future wiring additions. They provide reliable mechanical protection for electrical lines, maintain clear cable organization, and deliver a clean aesthetic finish. They are dimensionally stable and highly resistant to chemicals, oils, and greases.

Code No.: white	Code No.: grey	AxBxL mm	Length mm	Packaging pcs	Weight kg/ kom
5003013	5003014	15x10x2000	2000	100	0,14
5003015	5003016	16x16x2000	2000	50	0,2
5003017	5003018	17x17x2000	2000	50	0,28
5003023	5003024	25x16x2000	2000	50	0,29
5002540	5002542	25x40x2000	2000	25	0,56
5003010	5003011	30x10x2000	2000	50	0,37
5003020	5003021	30x20x2000	2000	50	0,38
5003025	5003026	30x25x2000	2000	25	0,55
5003040	5003041	30x40x2000	2000	25	0,74
5003060	5003061	30x60x2000	2000	20	0,82
5004020	5004021	40x20x2000	2000	25	0,56
5004040	5004041	40x40x2000	2000	20	0,8
5004060	5004061	40x60x2000	2000	20	1,03
5006040	5006041	60x40x2000	2000	20	1,05
5006060	5006061	60x60x2000	2000	16	1,22



SELF-ADHESIVE PVC CABLE TRUNKING

Self-adhesive unslotted cable trunking is used for routing cables with smaller cross-sections. The modern design of the cover-to-trunking joint ensures easy installation, quick conductor replacement in case of faults, and convenient future wiring additions. It provides reliable mechanical protection for electrical lines, maintains clear cable organization, and gives the installation a clean, aesthetic appearance. It is dimensionally stable and highly resistant to chemicals, oils, and greases. It is suitable for horizontal and vertical mounting on smooth, clean surfaces. T-junctions and branch connections are created by cutting out the side walls to match the dimensions of the branching trunking, while corner bends are achieved by mitering the trunking ends to the required angles.

The trunking is manufactured from rigid, self-extinguishing PVC, temperature-resistant up to 70°C. Prior to installing the self-adhesive trunking, the mounting surface must be cleaned with a dry cloth. The wall surface designated for adhesion should be smooth and clean. While the trunking can be used on various wall types, it is not recommended for corrugated, rough, dirty, or dusty surfaces.

Code No.:	Color	AxBxL mm	Length mm	Packaging pcs	Weight kg/ kom
5006215	Bela	15x10x2000	2000	100	0,16
5006216	Bela	16x16x2000	2000	50	0,22
5006217	Bela	17x17x2000	2000	50	0,3
5006225	Bela	25x16x2000	2000	50	0,31
5006230	Bela	30x20x2000	2000	50	0,4

ADJUSTABLE STRAP CLAMP

The adjustable strap clamp is made of high-quality polyamide with a V-0 self-extinguishing rating, heat-resistant up to 110°C without deformation. It is produced in gray, color RAL 7035. It is used for securing all types of electrical conduits, water, heating, and gas pipes, as well as for direct cable mounting on walls, ceilings, poles, and inside electrical cabinets.

Advantages:

Simple and fast installation of all types of systems, ensuring maximum time savings. Adjustable strap clamps are suitable for applications requiring a strong mechanical joint and higher temperature resistance, making them ideal for outdoor use due to their UV resistance. With just two sizes of adjustable strap clamps, a outer diameter range of Ø15-42 mm is covered, significantly simplifying the installation process.

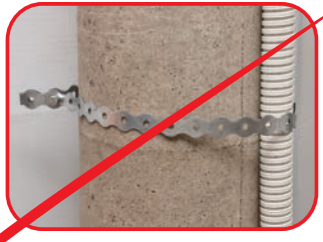
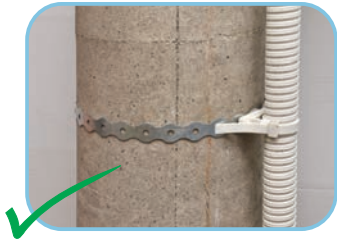
Code No.:	Opening diameter mm	Packaging pcs	Weight kg / 100 kom
5340100	Ø15-25	100	0,5
5340102	Ø24-42	100	1



Primer postavljanja kabla na zid



Primer postavljanja obujmice šteljuće sa remenom



Ispravno i neispravno postavljanje fleksibilnog creva na stub

Ispravno i neispravno postavljanje bakarnih cevi za grejanje

PE CONDUITS FOR EMBEDDING ELECTRICAL INSTALLATIONS IN CONCRETE



Code No.:	Type	Outter diameter mm	Packaging pcs	Weight kg / m
5330016	PE CEVI M-16	16	50	0,08
5330020	PE CEVI M-20	20	50	0,11
5330025	PE CEVI M-25	25	50	0,15
5330032	PE CEVI M-32	32	25	0,23
5330040	PE CEVI M-40	40	25	0,36



Used for laying in concrete structures as well as for installing electrical and telecommunication systems in floor slabs prior to concrete pouring. Made of self-extinguishing polyethylene in accordance with European standards. Flexible and easy to lay at all angles. All types of conductors and cables can be easily pulled through them. They feature high resistance to pressure from motorized carts, wheelbarrows, concrete pump pouring, as well as all other potential damage. Unlike corrugated conduits, they have proven in practice to be far more reliable and efficient.

SURFACE-MOUNT RIGID CONDUITS



Code No.	Type	ø inner/ outer mm	Length m	Packaging pcs	Weight kg/100pcs
5300116	M -16	13,3/16	3	25	27,60
5300120	M -20	17,1/20	3	25	37,50
5300125	M -25	22,1/25	3	20	47,60
5300132	M -32	29/32	3	20	63,80
5300140	M -40	36,5/40	3	20	93,30

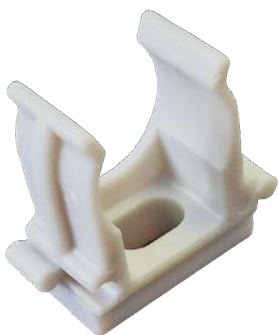
HALOGEN-FREE SURFACE-MOUNT RIGID CONDUITS

Code No.	Type	ø inner/ outer mm	Length m	Packaging pcs	Weight kg/100pcs
5300416	M -16	13,3/16	3	25	27,60
5300420	M -20	17,1/20	3	25	37,50
5300425	M -25	22,1/25	3	20	47,60

FLAME-RETARDANT HALOGEN-FREE (HFFR) SURFACE-MOUNT RIGID CONDUITS

Code No.	Type	ø inner/ outer mm	Length m	Packaging pcs	Weight kg/100pcs
5300516	M -16	13,3/16	3	25	27,60
5300520	M -20	17,1/20	3	25	37,50
5300525	M -25	22,1/25	3	20	47,60

FEPO HALOGEN-FREE CLAMPS



Code No.	Type	Opening diameter mm	Packaging pcs	Weight kg/100pcs
5340316	M-16	16	100	0,5
5340320	M-20	20	100	0,7
5340325	M-25	25	100	0,9
5340332	M-32	32	50	1,2

They are used for surface-mounted electrical installations, specifically for securing M-type conduits. Manufactured from polystyrene (a halogen-free material), they feature an interlocking design that allows them to be connected side-by-side in series.

COUPLINGS FOR FIN CONDUITS



Code No.	Type	Outer/inner diameter mm	Packaging pcs	Weight kg/100pcs
5340516	M-16	16/18,7	50	0,6
5340520	M-20	20/22,9	50	0,8
5340525	M-25	25/27,9	50	1,2
5340532	M-32	32/35	50	1,4
5340540	M-40	40/43,5	50	1,6

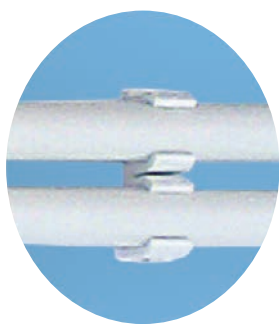
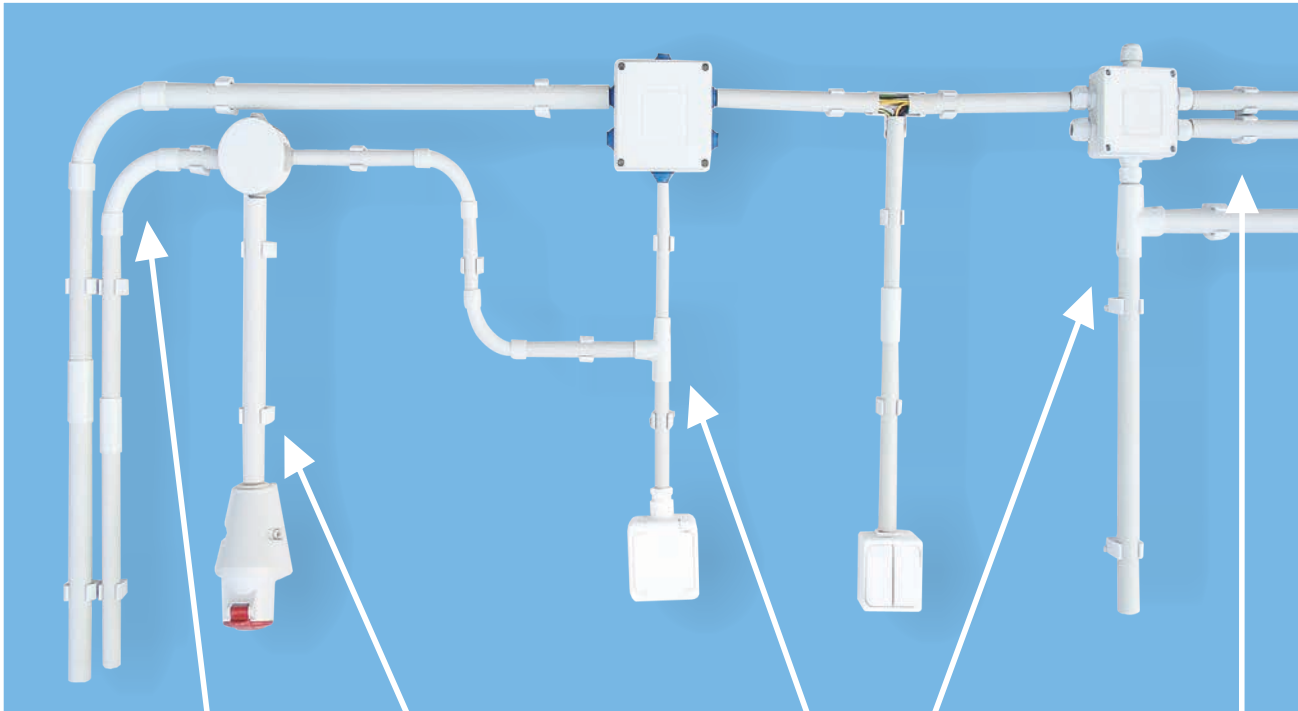
They are used for connecting FIN conduits. They are manufactured from polystyrene (a halogen-free material) in gray color RAL 7035. Extending and installing FIN conduits with FIN couplings is fast, easy, reliable, and straightforward.

ELBOWS FOR FIN CONDUITS



Code No.	Type	Prečnik unutrašnji / spoljašnji mm	Packaging pcs	Weight kg/100pcs
5340416	M-16	16/18,7	50	1,2
5340420	M-20	20/22,9	50	1,8
5340425	M-25	25/27,9	50	2,8
5340432	M-32	32/35	25	3,2
5340440	M-40	40/43,5	25	3,9

They are used for changing the direction of conduits. They are manufactured from polystyrene (a halogen-free material) in gray color RAL 7035. Connecting and installing FIN conduits with FIN elbows is fast, easy, reliable, and straightforward.



FLUSH-MOUNTED ROUND CONCEALED JUNCTION BOX - WITHOUT COVER



It is used for flush-mount wall installation and mounting of switches and socket outlets.

Dimensions: Ø60 x 40 mm
Packaging: 100 pcs
Weight: 1,4 kg/100 pcs
Code No.: 5116048

FLUSH-MOUNTED MODULAR JUNCTION BOXES



These boxes feature an interlocking design for gang mounting, have two cable entries, and are suitable for all types of flush-mounted socket outlets and switches.

Dimensions: Ø60 x 60 mm
Packaging: 100 pcs
Weight: 2 kg/100 pcs
Code No.: 5136060

FLUSH-MOUNTED ROUND JUNCTION BOX



It is used as a flush-mount junction box for electrical wiring connections.

Dimensions: Ø80x40 mm
Packaging: 100 pcs
Weight: 1,2 kg/100 pcs
Code No.: 5116040

FLUSH-MOUNTED SQUARE JUNCTION BOX



Made of self-extinguishing PVC. Features eight knockout entries for cable routing along the perimeter and three at the bottom of the box. The cover includes two latches/screws for easy installation, even when the box is fully wired or set deep into the wall.

Dimensions: 100x100x40 mm
Packaging: 100 pcs
Weight: 18,2 kg/100 pcs
Code No.: 5117036

FLUSH-MOUNTED ROUND DRY WALL JUNCTION BOX - WITHOUT COVER



It is used for installing switches and socket outlets in drywall/plasterboard panels.

Dimensions: Ø 70x45 mm
Packaging: 50 pcs
Weight: 2,2 kg/100 pcs
Code No.: 5116050

FLUSH-MOUNTED ROUND DRY WALL JUNCTION BOX



It is used as a flush-mount junction box for electrical wiring connections in drywall/plasterboard panels.

Dimensions: Ø80x45 mm
Packaging: 50 pcs
Weight: 3,4 kg/100 pcs
Code No.: 5116042

SURFACE-MOUNTED JUNCTION BOXES



Made of self-extinguishing rigid PVC. Cable entries are made of rubber and can be easily cut to fit cable diameters from 10–20 mm. FEMAN cable glands can be used instead of rubber plugs.

Dimensions: ø70×40 mm
Packaging: 100 kom
Weight: 6,2 kg/100pcs
Code No.: 5127040

STEPPED RUBBER GROMMET FOR SURFACE-MOUNTED JUNCTION BOXES



Made of hard rubber for cables ranging from Ø10 to Ø20 mm. They can be easily cut to fit specific cable dimensions. FEMAN cable glands can be used instead of rubber grommets/entries.

Dimensions: Ø10 - Ø20 mm
Packaging: 100 pcs
Code No.: 5127042

SQUARE JUNCTION BOX 80×80×40



Used as a surface-mounted junction box for all types of installations. Made of self-extinguishing rigid PVC in RAL 7035 finish. Combined with Pg cable glands, the box provides IP 65 protection degree.

Dimensions: 80×80×40 mm
Packaging: 40 pcs
Code No.: 5138084

SQUARE JUNCTION BOX



Used as surface-mounted junction boxes for all types of installations. Made of self-extinguishing rigid PVC. Features marked knockouts for cable entry. Combined with cable glands, the box provides IP 65 protection degree.

Code No.:	Type	Dimension mm	Packaging pcs
5110040	110x110x70	100	18.2.
5129090	90x90x55	100	11.8.





SQUARE JUNCTION BOX 150×110×70

Used as a surface-mounted junction box for all types of installations. Made of self-extinguishing rigid PVC in RAL 7035 finish. Combined with PG cable glands, the box provides IP 65 protection degree.

Dimensions: 150×110×70 mm

Packaging: 18 kom

Code No.: 5138100



SQUARE JUNCTION BOX 190×145×80

Used as a surface-mounted junction box for all types of installations. Made of self-extinguishing rigid PVC in RAL 7035 finish. The transparent cover is made of polycarbonate. Used in combination with a rubber grommet or Pg cable glands.

Dimensions: 190×145×80

Packaging: 18 kom

Code No.: 5138110



SQUARE JUNCTION BOX 250×200×90

Used as a surface-mounted junction box for all types of installations. Made of self-extinguishing rigid PVC in RAL 7035 finish. The transparent cover is made of polycarbonate. Used in combination with a rubber grommet or Pg cable glands.

Dimensions: 250×200×90

Packaging: 10 kom

Code No. : 5138125



SQUARE JUNCTION BOX 310×230×130

Used as a surface-mounted junction box for all types of installations. Made of self-extinguishing rigid PVC in RAL 7035 finish. The transparent cover is made of polycarbonate. Used in combination with a rubber grommet or Pg cable glands.

Dimensions: 310×230×130

Packaging: 6 kom

Code No. : 5138130



SQUARE JUNCTION BOX 400×300×130

Used as a surface-mounted junction box for all types of installations. Made of self-extinguishing rigid PVC in RAL 7035 finish. The transparent cover is made of polycarbonate. Used in combination with a rubber grommet or Pg cable glands.

Dimensions: 400×300×130

Packaging: 3 kom

Code No. : 5138140



SQUARE JUNCTION BOX 150×110×140

Used as a surface-mounted junction box for all types of installations. Made of self-extinguishing rigid PVC in RAL 7035 finish. The transparent cover is made of polycarbonate. Used in combination with a rubber grommet or Pg cable glands.

Dimensions: 150×110×140

Packaging: 10 kom

Code No. : 5138120

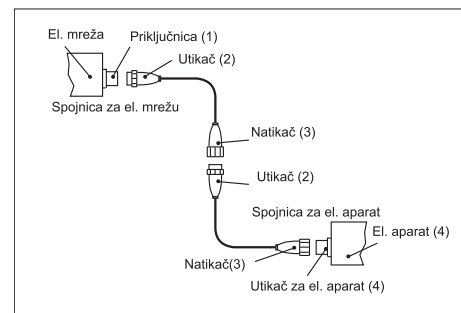


Plugs and sockets (wiring accessories) are installation materials used to connect mobile and portable electrical loads.

By design, wiring accessories enable the connection and disconnection of permanently installed and portable cables, as well as the switching on and off of electrical loads, without the use of any tools or auxiliary devices.

Industrial plugs and sockets are marked with:

- Rated current in amperes (A)
- Rated voltage in volts (V)
- Symbol for the type of current (DC and AC)
- Rated frequency (Hz)
- Type designation
- Manufacturer's logo/trademark
- Degree of mechanical protection marking (IP 44 and IP 67)
- Earth contact position marking



All live parts are fully protected and inaccessible when installed and used correctly. It is impossible to establish a connection between the plug contact and the socket contact while any plug contact is accessible to touch. When inserting the plug into the socket outlet, the protective (earth) contact is established first, followed by the neutral contact, and finally the phase contacts. When withdrawing the plug from the socket, the sequence is reversed.

Applications:

- Mains connector assembly** – enables the connection of a flexible cable to a permanently installed line. It consists of two parts:
 - Socket outlet (1) – designed for connection to a permanently installed line (Type FIZS or FIZ).
 - Plug (2) – designed for connection to a flexible cable connected to an electrical load (Type FIV).
- Cable coupler / Extension connector** – enables the connection of two flexible cables. It consists of two parts:
 - Connector / Cable socket (3) – designed for connection to a flexible cable connected to the mains (Type FIS).
 - Plug (2).
- Appliance coupler** – enables the connection of a flexible cable to an electrical appliance/device. It consists of two parts:
 - Connector / Cable socket (3).
 - Appliance inlet (4) – designed to be mounted directly onto an electrical appliance (Type FIP).

Regulations & Standards:

The International CEE Commission issued publications as guidelines for the manufacture of industrial plugs and sockets. The International Electrotechnical Commission introduced Publication 17 worldwide by issuing Publications 309 and 309a. Based on these publications, the national standard SRPS N.E3 605 was established, which applies to industrial plugs and sockets.

Cables with rated cross-sections according to the table can be connected to this wiring accessory.

PLUG



Code No.:	Type	No. of poles	Rated Current In (A)	Rated Voltage Un (V)	Frequen- cy Hz	Packaging pcs	Weight kg / kom
5400003	FIV 1632	P+N+W	16	230	50-60	50	0,12
5400005	FIV 1643	3P+W	16	400	50-60	50	0,14
5400010	FIV 1653	3P+N+W	16	400/230	50-60	50	0,16
5400015	FIV 3243	3P+W	32	400	50-60	50	0,21

PLUG



Code No.	Type	No. of poles	Rated Cur- rent In (A)	Rated Voltage Un (V)	Frequen- cy Hz	Packaging pcs	Weight kg / kom
5400025	FIV 6343	3P+W	63	400	50-60	15	0,51

APPLIANCE INLET



Code No.	Type	No. of poles	Rated Current In (A)	Rated Voltage Un (V)	Frequency Hz	Packaging pcs	Weight kg / kom
5400030	FIP 1643	3P+W	16	400	50-60	50	0,17

SOCKET OUTLET



Code No.:	Type	No. of poles	Rated Cur- rent In (A)	Rated Voltage Un (V)	Frequency Hz	Packaging pcs	Weight kg / kom
5400048	FIZS 1632	P+N+W	16	230	50-60	50	0,15
5400050	FIZS 1643	3P+W	16	400	50-60	50	0,18
5400055	FIZS 1653	3P+N+W	16	400/230	50-60	50	0,21
5400060	FIZS 3243	3P+W	32	400	50-60	50	0,3

CABLE CONNECTOR



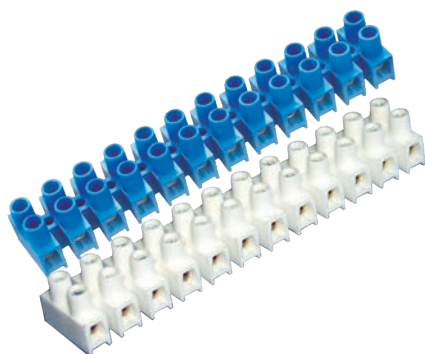
Code No.:	Type	No. of poles	Rated Current In (A)	Rated Voltage Un (V)	Frequen- cy Hz	Packaging pcs	Weight kg / kom
5400070	FIS 1643	3P+W	16	400	50-60	50	0,16
5400075	FIS 1653	3P+N+W	16	400/230	50-60	50	0,19
5400080	FIS 3243	3P+W	32	400	50-60	50	0,24
5400085	FIS 3253	3P+N+W	32	400/230	50-60	50	0,29

SOCKET OUTLET



Code No.:	Type	No. of poles	Rated Current In (A)	Rated Voltage Un (V)	Frequen- cy Hz	Packaging pcs	Weight kg / kom
5400090	FIZ 6343	3P+W	63	400	50-60	15	0,84

DUAL-ROW SCREW TERMINALS



Code No.	Designation mm ²	Allowed Voltage V	Allowed Current A	Packaging pcs	Weight kg/ 100 pcs
5100001	1,5-2,5	400	10	200	4,90
5100004	4	400	25	100	3,60
5100006	6	400	32	80	2,00

They are made of insulating thermoplastic resistant to temperatures up to 80°C. The brass parts of the terminal are nickel-plated for protection. They are available as 12-pole terminal blocks in three sizes.

CABLE CLIPS WITH NAILS



Code No.	For cable Ø mm	Packaging pcs	Weight kg/ 100 pcs
1700006	6	100	0,1
1700008	8	100	0,15
1700010	10	100	0,2

Cable clips with nails are designed for fast wall mounting of conductors by directly nailing them into wood, plaster, and brick walls. The nails are made of high-hardness steel, and their length is adapted to the clip size.

CABLE SPACER CLAMPS



Code No.	For cable Ø mm	Packaging pcs	Weight kg/ 100 pcs
1700018	11-18	100	0,35
1700024	16-24	100	0,4

Cable spacer clamps are made of polystyrene. The design enables side-by-side modular assembly. Pressing down engages the serrated cover, securing cables of various diameters.

PLASTIC EXPANSION PLUGS



Code No.: with screw	Code No.: without screw	Allowed Voltage V	Length mm	For screw Ø mm	Packaging pcs	Weight kg/ 100 pcs
1715007	1715006	FPT -6	30	3,5-5	100	0,2
1715009	1715008	FPT-8	40	4,5-6	100	0,4
1715011	1715010	FPT-10	50	6-8	100	1,2
1715013	1715012	FPT-12	60	8-10	100	1,8

CABLE TIES



Code No.	Designation	Length mm	Width mm	Min. tensile strength/kg	Packaging pcs	Weight kg/ 500 pcs
1710102	FKV 100/2,5	100	2,5	12	500X10	0,15
1710155	FKV 150/4,8	150	4,8	26	500X10	0,65
1710205	FKV 200/4,8	200	4,8	26	500X10	0,70
1710255	FKV 250/4,8	250	4,8	26	500X8	0,80
1710305	FKV 300/4,8	300	4,8	26	500X8	1,00

Code No.	Type	L mm	A mm	Packaging pcs	Weight kg/ 100 pcs
1710189	FKV 180/9	180	9	100	0,32
1710269	FKV 260/9	260	9	100	0,45
1710369	FKV 360/9	360	9	100	0,65

Code No.	Type	L mm	A mm	Packaging pcs	Weight kg/ 100 pcs
1710213	FKV 200/13	200	13	100	0,6
1710223	FKV 250/13	250	13	100	0,67

They are used for bundling cables and conductors, as well as for any connection requiring fast and secure fastening. Made of polyamide, they achieve high binding strength and temperature resistance up to +85°C.

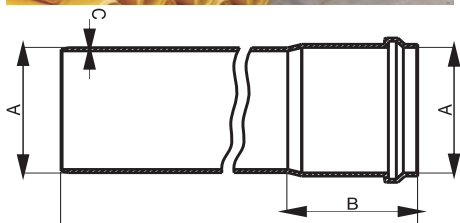
They are produced in white and black. Black cable ties can also be used for outdoor installation, as they are exceptionally resistant to UV radiation and atmospheric influences. Standard lengths are available up to 300 mm.

Cable ties are designed to ensure fast and easy installation.

We recommend using "FEMAN" PLIERS for automatic tightening and cutting of cable ties.



PVC CONDUITS

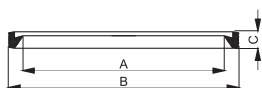


Code No.	Type	Color	A mm	B mm	C mm	L mm
5090042	TK	žuta	50	50	2,2	3000
5090055	TK	žuta	50	50	2,2	4000
5090052	TK	žuta	50	50	2,2	6000
5090063	TK	žuta	75	70	2,3	3000
5090074	TK	žuta	75	70	2,3	4000
5090080	TK	žuta	75	70	2,3	6000
5090030	TK	žuta	110	91	3,2	3000
5090120	TK	žuta	110	91	3,2	4000
5090121	TK	žuta	110	91	2,9	4000
5090122	TK	žuta	110	91	2,6	4000
5090115	TK	žuta	110	91	3,2	6000
5090117	TK	žuta	110	91	2,9	6000
5090118	TK	žuta	110	91	2,6	6000
5090043	EN	oranž	50	50	2,2	3000
5090050	EN	oranž	50	50	2,2	4000
5090053	EN	oranž	50	50	2,2	6000
5090064	EN	oranž	75	70	2,3	3000
5090075	EN	oranž	75	70	2,3	4000
5090082	EN	oranž	75	70	2,3	6000
5090040	EN	oranž	110	91	3,2	3000
5090045	EN	oranž	110	91	3,2	4000
5090046	EN	oranž	110	91	2,9	4000
5090113	EN	oranž	110	91	2,6	4000
5090110	EN	oranž	110	91	3,2	6000
5090111	EN	oranž	110	91	2,9	6000
5090112	EN	oranž	110	91	2,6	6000

PVC conduits are used for the protection and distribution of electric power cables (orange conduits) and telecommunication cables (yellow conduits). They are made of special plastic resistant to mechanical impacts, aging, and corrosion in basic, acidic, and aggressive environments. Their smooth inner walls make cable pulling exceptionally fast and easy. Multiple conduits can be laid alongside and on top of each other in the same trench. They are standardly produced with wall thicknesses ranging from 2.2 to 3.2 mm, with thinner options available upon customer request.

Note: We also produce mechanical protective gas conduits.

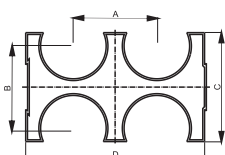
SEALING GASKET FOR PVC CONDUITS



Code No.	Type	Conduit diameter mm	A mm	B mm	C mm
5090118	50	50	-	-	-
5090117	75	75	-	-	-
5090116	110	110	106	121,6	8,7

It is installed inside the conduit socket and used to join two conduits. The gasket is designed to exert pressure on both the socket and the pipe along its entire circumference, thereby preventing moisture ingress into the pipe itself. It is made of high-quality material, resistant to UV rays, aging, weather conditions, and a wide

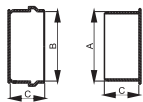
PVC CONDUIT SUPPORTS



Code No.	Support type / Conduit No.	Color	A mm	B mm	C mm	D mm
5090015	2	žuta	139,5	137,5	182	159,5
5090016	2	oranž	139,5	137,5	182	159,5
5090020	4	žuta	139,5	137,5	182	299
5090021	4	oranž	139,5	137,5	182	299
5090025	6	žuta	139,5	137,5	182	458,5
5090026	6	oranž	139,5	137,5	182	458,5

Used for parallel fixing of two or more conduits in a trench. Manufactured in variants for two, four, and six conduits. The number of conduits can be increased by interlocking multiple supports.

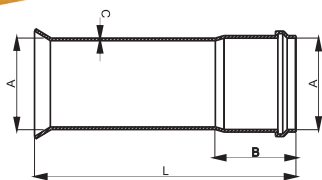
PLUGS FOR PVC CONDUITS



Code No.	Type	Color	A mm	B mm	C mm
5090156	TK-muški	žuta	110	-	58
5090157	TK-ženski	žuta	-	110,5	58
5090158	EN-muški	oranž	110	-	58
5090159	EN-ženski	oranž	-	110,5	58

They are used to prevent the ingress of moisture and debris into the pipe itself.

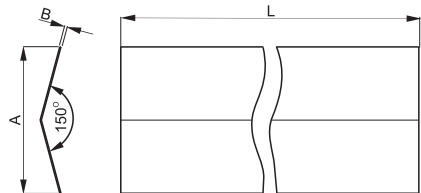
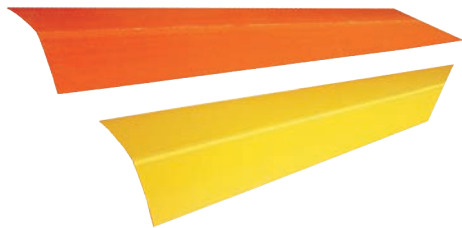
PVC CONDUITS BUSHINGS



Code No.	Type	Color	A mm	B mm	C mm	L mm
5090155	TK	žuta	110	91	3,2	600
5090154	EN	oranž	110	91	3,2	600

They are used as cable entry bushings in cable manholes or as cable entry guides in switchgear installations.

UNDERGROUND CABLE PROTECTION COVERS



Code No.	Type	Color	A mm	B mm	L mm
5090010	TK	žuta	100(140)	1-2,5	1000
5090000	EN	oranž	100(140)	1-2,5	1000

They are used for the mechanical protection of cables laid underground and are manufactured from rigid PVC Type 100 in accordance with JUS G.C6.501. These protectors are increasingly used as guards for power and telecommunication cables, replacing the outdated practice of brick protection.

The key advantages of these protectors include quick and simple installation, easy handling and transport, immunity to stray currents, excellent electrical insulation, resistance to corrosion, moisture, acidic and alkaline soil, mechanical impact resistance, and resistance to aging.

The standard length of these protective covers is 1 m, while custom lengths are manufactured upon special order. They are produced in yellow (PTT) and orange (EN).

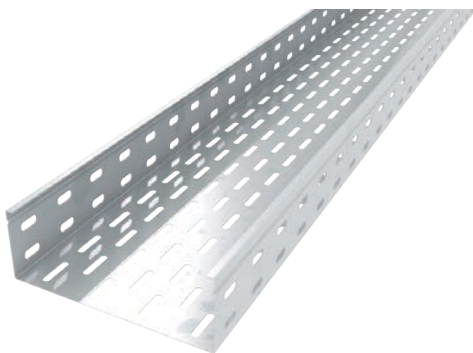
WARNING TAPE



Code No.	Type	Color	A mm
4703070	TK	žuta	100
4703072	EN	oranž	100

They are used for the protection of cables laid underground. The standard width of the tape is 120 mm, with a thickness of 0.10 mm, and standard roll packaging is 5 kg and 10 kg. They are manufactured in yellow (PTT) and red (EN).

PERFORATED STEEL CABLE TRAY



Code No.	Type	Height mm	Width mm	Length mm	Weight kg/kom	Thickness mm
5000301	FRK 100	50	100	2000	2,3	0,7
5000302	FRK 200	50	200	2000	3,7	0,8
5000303	FRK 300	50	300	2000	6,5	1
5000304	FRK 400	50	400	2000	7,1	1

It is used for cable routing and laying in environments where cables must be protected from mechanical and atmospheric influences. It is manufactured from high-quality galvanized sheet metal. The perforations in the tray ensure efficient cable cooling during operation and are used for joining and connecting supports and couplers. Connecting multiple elements forms a continuous "cable tray route."

Note: Additional surface protection via powder coating is available upon customer request.

STEEL CABLE TRAY COVER



Code No.	Type	Height mm	Width mm	Length mm	Weight kg/kom	Thickness mm
5000311	FRK 100-P	16	102	2000	1,2	0,5
5000312	FRK 200-P	16	202	2000	1,6	0,5
5000313	FRK 300-P	16	302	2000	3,6	0,7
5000314	FRK 400-P	16	402	2000	4,8	0,7

It is used to cover the perforated cable tray, providing complete protection against mechanical and atmospheric influences. It is manufactured from high-quality galvanized sheet metal.

PERFORATED CABLE TRAY COUPLER



Kodni broj	Tip	Visina mm	Širina mm	Length mm	Težina kg/kom	Debljina mm
5000291	FRK 100 S	48	100	95	0,11	0,70
5000292	FRK 200 S	48	200	100	0,25	0,70
5000293	FRK 300 S	48	300	140	0,30	0,80
5000294	FRK 400 S	48	400	200	0,77	0,80

It is used for connecting perforated cable trays. It is manufactured from high-quality galvanized sheet metal.

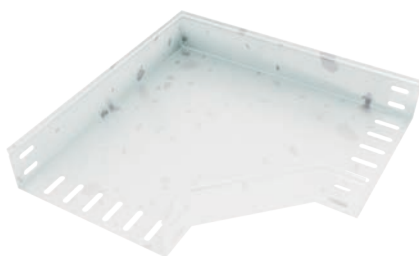
PERFORATED CABLE TRAY BRACKET



Code No.	Type	Height mm	Width mm	Length mm	Weight kg/kom	Thickness mm
5000321	FRK 100 N	25	100	75	0,07	0,80
5000322	FRK 200 N	25	200	100	0,14	1
5000323	FRK 300 N	25	300	150	0,27	1
5000324	FRK 400 N	25	400	200	0,48	1

It is used for mounting and securing the perforated cable tray onto all vertical surfaces. It is manufactured from high-quality galvanized sheet metal.

PERFORATED CABLE TRAY ELBOW COUPLER



Code No.	Type	Joint width mm	Height mm	Thickness mm
5100301	FRK 100-US	100	50	0,8
5100302	FRK 200-US	200	50	0,8
5100303	FRK 300-US	300	50	1
5100304	FRK 400-US	400	50	1

It is used as an accessory for the perforated cable tray when the laid cable route changes direction in a single plane. It is manufactured from high-quality galvanized sheet metal.

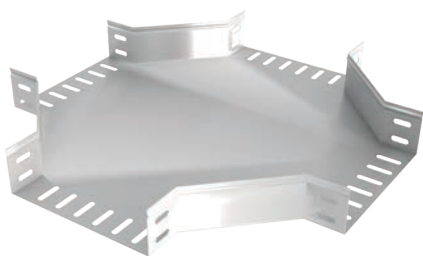
PERFORATED CABLE TRAY T-COUPLER



Code No.	Type	Joint width mm	Height mm	Thickness mm
5100311	FRK 100-TS	100	50	0,8
5100312	FRK 200-TS	200	50	0,8
5100313	FRK 300-TS	300	50	1
5100314	FRK 400-TS	400	50	1

It is used as an accessory for the perforated cable tray when branching or changing direction along an existing laid cable route in a single plane. It is manufactured from high-quality galvanized sheet metal.

PERFORATED CABLE TRAY CROSS COUPLER



Code No.	Type	Joint width mm	Height mm	Thickness mm
5100321	FRK 100-KS	100	50	0,8
5100322	FRK 200-KS	200	50	0,8
5100323	FRK 300-KS	300	50	1
5100324	FRK 400-KS	400	50	1

It is used as an accessory for the perforated cable tray when there is a need for multi-directional cable distribution. It is manufactured from high-quality galvanized sheet metal.

PERFORATED CABLE TRAY ELBOW COUPLER COVER



Code No.	Type	Joint width mm	Height mm	Thickness mm
5100331	FRK 100-PUS	100	16	0,8
5100332	FRK 200-PUS	200	16	0,8
5100333	FRK 300-PUS	300	16	1
5100334	FRK 400-PUS	400	16	1

It is used to cover the elbow coupler, ensuring continuous mechanical and atmospheric protection for cables laid within the perforated cable tray. It is manufactured from high-quality galvanized sheet metal.

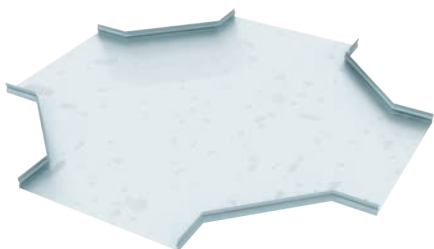
PERFORATED CABLE TRAY T-COUPLER COVER



Code No.	Type	Joint width mm	Height mm	Thickness mm
5100341	FRK 100-PTS	100	16	0,8
5100342	FRK 200-PTS	200	16	0,8
5100343	FRK 300-PTS	300	16	1
5100344	FRK 400-PTS	400	16	1

It is used to cover the T-coupler, ensuring continuous mechanical and atmospheric protection for cables laid within the perforated cable tray. It is manufactured from high-quality galvanized sheet metal.

PERFORATED CABLE TRAY CROSS COUPLER COVER



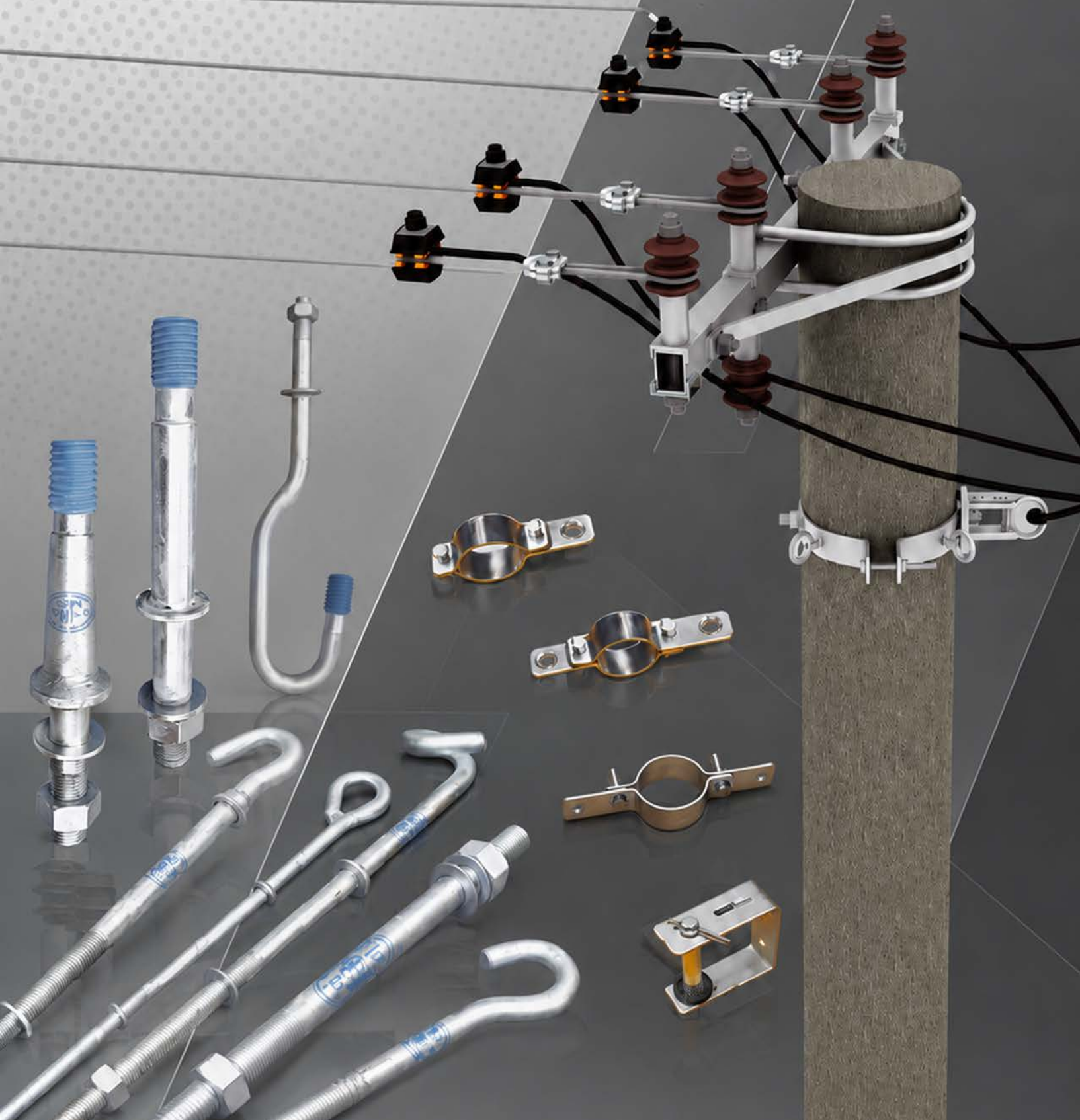
Code No.	Type	Joint width mm	Height mm	Thickness mm
5100351	FRK 100-PKS	100	16	0,8
5100352	FRK 200-PKS	200	16	0,8
5100353	FRK 300-PKS	300	16	1
5100354	FRK 400-PKS	400	16	1

It is used to cover the cross coupler, ensuring continuous mechanical and atmospheric protection for cables laid within the perforated cable tray. It is manufactured from high-quality galvanized sheet metal.

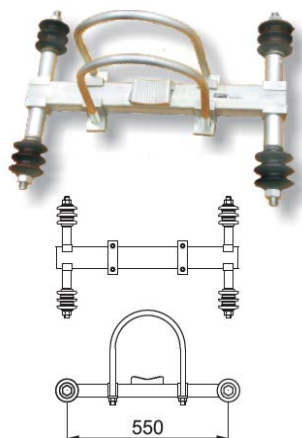
Feman

7

INSULATOR SUPPORTS,
BRACKETS, AND CLAMPS



SUSPENSION BRACKET 1500 N

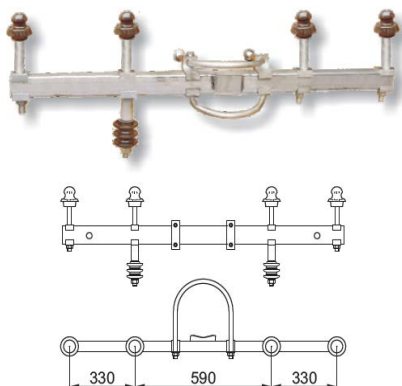


It is used as an inline (suspension) bracket. The bracket is corrosion-resistant under all atmospheric conditions. When ordering, please specify the product code and the diameter of the pole on which it will be installed. Aluminum clamps are ordered separately, depending on the pole diameter.

Material: AlMgSi1Cu

Code No.	Type	Packaging pcs	Weight kg/100 pcs
4715000	1500 N (4+0)	5	480
4715001	1500 N (4+1)	5	500
4715002	1500 N (4+2)	5	515

TERMINAL BRACKET 1500 K

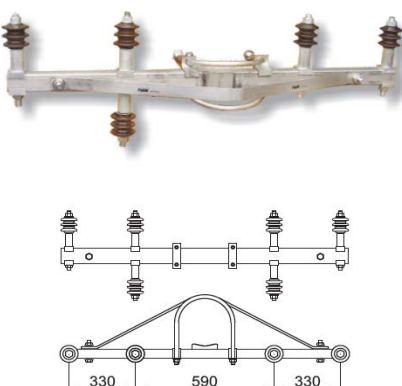


It is used as a terminal (dead-end) bracket. The bracket is corrosion-resistant under all atmospheric conditions. When ordering, please specify the product code and the diameter of the pole on which it will be installed. Aluminum clamps are ordered separately, depending on the pole diameter.

Material: AlMgSi1Cu

Code No.	Type	Packaging pcs	Weight kg/100 pcs
4713000	1300 N (4+0)	5	400
4713001	1300 N (4+1)	5	420
4713002	1300 N (4+2)	5	435

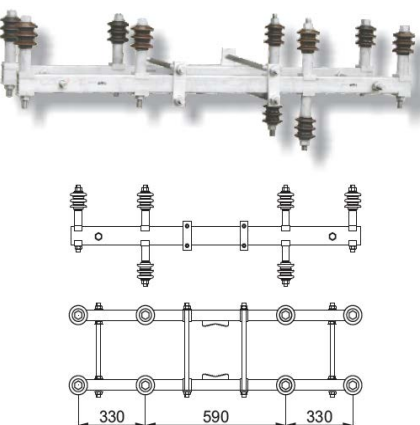
TERMINAL BRACKET 1300 K



It is used as a terminal (dead-end) bracket. The bracket is corrosion-resistant under all atmospheric conditions. When ordering, please specify the product code and the diameter of the pole on which it will be installed. Aluminum clamps are ordered separately, depending on the pole diameter.

Code No.	Type	Packaging pcs	Weight kg/100 pcs
4714000	1300 K (4+0)	5	550
4714001	1300 K (4+1)	5	570
4714002	1300 K (4+2)	5	585

TENSION BRACKET 1300 Z

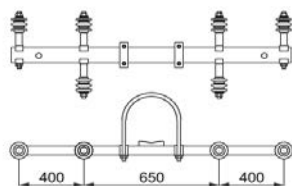


It is used as a tension (strain-relief) bracket. The bracket is corrosion-resistant under all atmospheric conditions. When ordering, please specify the product code and the diameter of the pole on which it will be installed. Aluminum clamps are ordered separately, depending on the pole diameter.

Material: AlMgSi1Cu

Code No.	Type	Packaging pcs	Weight kg/100 pcs
4713010	1300 Z (4+0)	2	1000
4713011	1300 Z (4+1)	2	1100
4713012	1300 Z (4+2)	2	1300

SUSPENSION BRACKET 1500 N

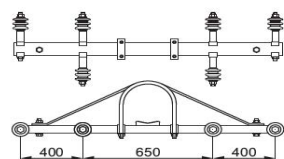


It is used as an inline (suspension) bracket. The bracket is corrosion-resistant under all atmospheric conditions. When ordering, please specify the product code and the diameter of the pole on which it will be installed. Aluminum clamps are ordered separately, depending on the pole diameter.

Material: AlMgSi1Cu

Code No.	Type	Packaging pcs	Weight kg/100 pcs
4715000	1500 N (4+0)	5	480
4715001	1500 N (4+1)	5	500
4715002	1500 N (4+2)	5	515

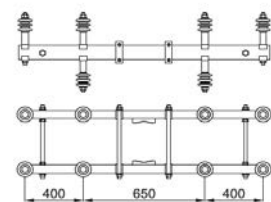
TERMINAL BRACKET 1500 K



It is used as a terminal (dead-end) bracket. The bracket is corrosion-resistant under all atmospheric conditions. When ordering, please specify the product code and the diameter of the pole on which it will be installed. Aluminum clamps are ordered separately, depending on the pole diameter.

Code No.	Type	Packaging pcs	Weight kg/100 pcs
4714010	1500 K (4+0)	5	650
4714011	1500 K (4+1)	5	670
4714012	1500 K (4+2)	5	685

TENSION BRACKET 1500 Z

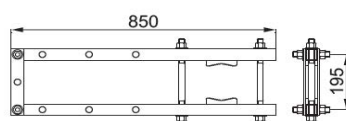


It is used as a tension (strain-relief) bracket. The bracket is corrosion-resistant under all atmospheric conditions. When ordering, please specify the product code and the diameter of the pole on which it will be installed. Aluminum clamps are ordered separately, depending on the pole diameter.

Material: AlMgSi1Cu

Code No.	Type	Packaging pcs	Weight kg/100 pcs
4715010	1500 Z (4+0)	5	1170
4715011	1500 Z (4+1)	5	1270
4715012	1500 Z (4+2)	5	1370

BRACKET FOR AERIAL FUSES

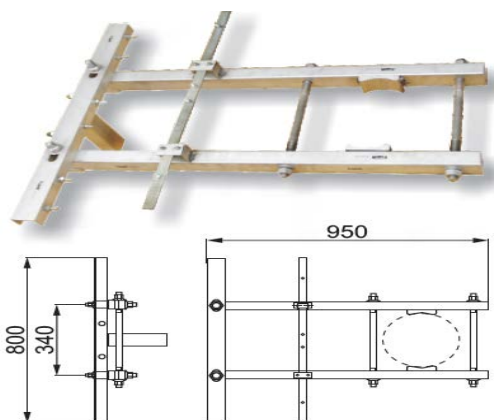


It is used as a bracket for mounting fuses on a power line pole. The bracket is corrosion-resistant under all atmospheric conditions. When ordering, please specify the product code and the diameter of the pole on which it will be installed. Aluminum clamps are ordered separately, depending on the pole diameter.

Material: AlMgSi1Cu

Code No.	Pole diameter mm	Packaging pcs	Weight kg/100 pcs
4712000	135	10	330
4712010	220	10	350

ALUMINUM BRACKET KO AND KG



Used for the installation of cable terminations and surge arresters. The bracket is corrosion-resistant under all atmospheric conditions. When ordering, please specify the product code and the diameter of the pole on which it will be installed.

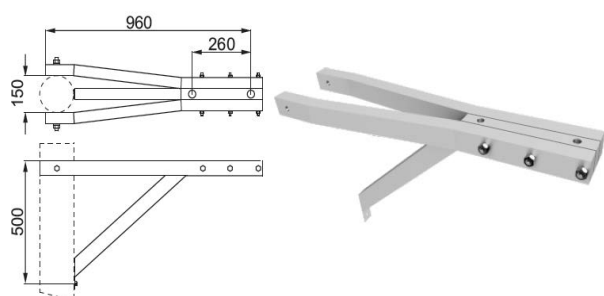
Material: AlMgSi1Cu

Packaging: 2 pcs

Weight: 8 kg

Code No.: 4712020

ALUMINUM BRACKET EK-10



Used for the installation of cable terminations and surge arresters. The bracket is corrosion-resistant under all atmospheric conditions. When ordering, please specify the product code and the diameter of the pole on which it will be installed.

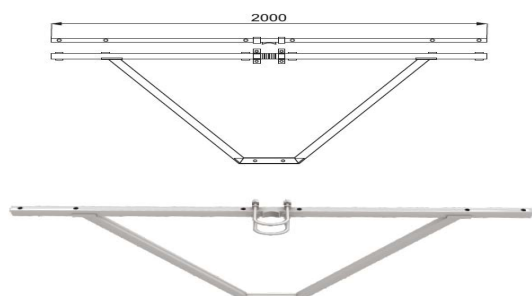
Material: AlMgSi1Cu

Packaging: 2 pcs

Weight: 5,8 kg

Code No.: 4712100

MEDIUM-VOLTAGE SUSPENSION BRACKET 2800



Used as a suspension bracket. The bracket is corrosion-resistant under all atmospheric conditions. When ordering, please specify the product code and the diameter of the pole on which it will be installed.

Material: AlMgSi1Cu

Packaging: 1 pc

Weight: 14 kg

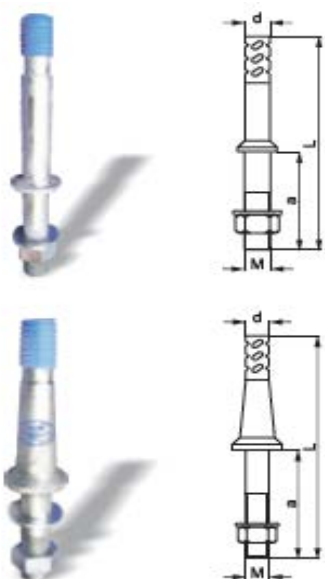
Code No.: 4715005

Aluminium Pole Clamps



Code No.	Nominal pole diameter mm	Pole mm	A mm	Packaging pcs	Weight kg/100 pcs
4715016	160	100-160	160	10	47
4715020	200	160-200	180	10	56
4715025	250	200-250	210	10	65
4715031	315	250-315	240	10	74
4715040	400	315-400	280	10	82
4715050	500	400-500	330	10	93

STRAIGHT PIN INSULATOR BRACKETS "NPN" FOR LOW-VOLTAGE LINES



Description:

Straight insulator pin supports "NPN" are used for low-voltage overhead power lines (in accordance with SRPS N.F1.601). They are manufactured in two types:

- Type A for suspension poles
- Type B for tension (strain) poles

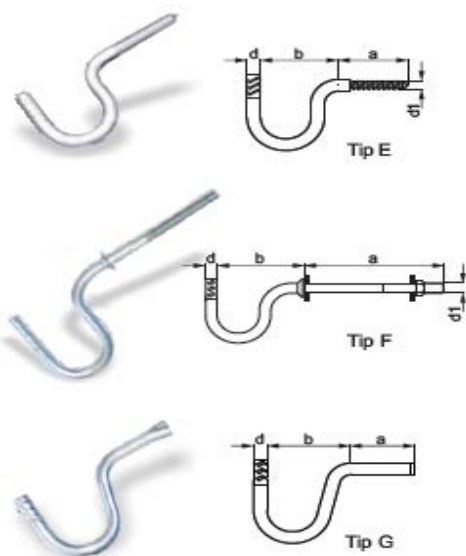
Material: Steel S235JR / EN 10025-2

Surface Protection: Galvanic zinc plating finish is standard, with hot-dip galvanizing available upon customer request.

NOTE: The plastic threaded cap for the insulator pin top is ordered separately. Quality is guaranteed exclusively when using original FEMAN insulator caps.

Code No.	Designation	d mm	a mm	L mm	M mm	For insulator	Packaging pcs	Weight kg/pc
4700010	NPN 16x85 A	16	85	175	M16	N80	20	0,32
4700020	NPN 19x85 A	19	85	185	M19	N95	15	0,54
4700030	NPN 16x85 B	16	85	175	M16	N80	20	0,52
4700040	NPN 16x100 B	16	100	190	M16	N80	20	0,55
4700050	NPN 19x85 B	19	85	185	M19	N95	15	0,60
4700060	NPN 19x120 B	19	120	220	M20	N95	15	0,71

BENT PIN INSULATOR BRACKETS "NPN" FOR LOW-VOLTAGE LINES



Bent insulator pin supports "NPN" are used for low-voltage overhead power lines (in accordance with SRPS N.F1.602). They are manufactured in three types:

- Type E with wood thread
- Type F with machine thread and nut
- Type G for wall mounting

Material: Steel S235JR / EN 10025-2

Surface Protection: Galvanic zinc plating finish is standard, with hot-dip galvanizing available upon customer request.

NOTE: The plastic threaded cap for the insulator pin top is ordered separately.

We guarantee quality exclusively when using original FEMAN insulator caps.

Code No.	Designation	d mm	a mm	b mm	M/d1	For insulator	Packaging pcs	Weight kg/pc
4700070	NSN 16 E	16	75	175	13	N80	30	0,48
4700080	NSN 16 F	16	230	185	M16	N80	30	1,10
4700090	NSN 16 G	16	75	175	-	N80	30	0,52
4700100	NSN 19 E	19	95	190	15	N95	20	0,77
4700110	NSN 19 F	19	230	185	M20	N95	20	1,66
4700120	NSN 19 G	19	95	220	-	N95	20	0,82

BENT INSULATOR BRACKETS "NSN" - FV AND FVU



Bent insulator pin supports "NSN" are used for low-voltage overhead power lines (in accordance with SRPS N.F1.602). They are manufactured in three types:

- Type E with wood thread
- Type F with machine thread and nut
- Type G for wall mounting

Material: Steel S235JR / EN 10025-2

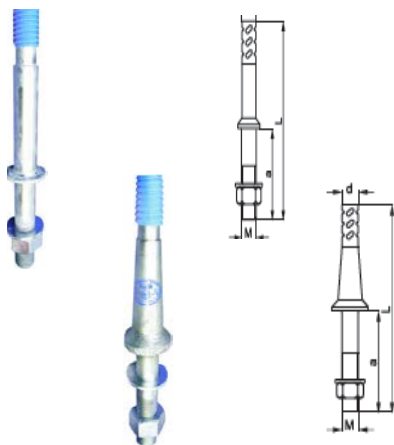
Surface Protection: Galvanic zinc plating finish is standard, with hot-dip galvanizing available upon customer request.

NOTE: The plastic threaded cap for the insulator pin top is ordered separately.

We guarantee quality exclusively when using original FEMAN insulator caps.

Code No.	Designation	d mm	M mm	L1 mm	L mm	For insulator	Packaging pcs
4700216	NSN - 16 FVU	16	-	-	200	N80	20
4700219	NSN - 19 FVU	19	-	-	225	N95	20
4700226	NSN - 16 FV	16	16	200	285	N80	10
4700229	NSN - 19 FV	19	19	225	310	N80	10

STRAIGHT PIN INSULATOR BRACKETS "NPV" FOR HIGH-VOLTAGE LINES



Straight insulator pin supports "NPV" are used for medium-voltage overhead power lines (in accordance with SRPS N.F1.501). They are manufactured in two types:

Type A for suspension poles

Type B for tension (strain) poles

Material: Steel S235JR / EN 10025-2

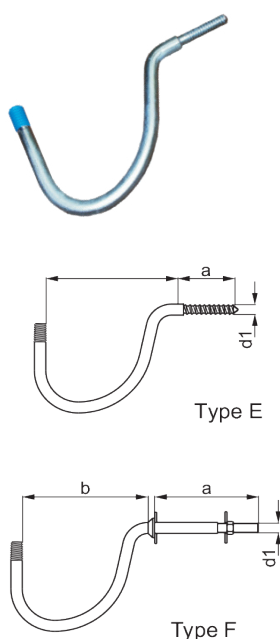
Surface Protection: Galvanic zinc plating finish is standard, with hot-dip galvanizing available upon customer request.

NOTE: The plastic threaded cap for the insulator pin top is ordered separately.

Quality is guaranteed exclusively when using original FEMAN insulator caps.

Code No. "A" type	Code No. "AN" type	Designation	d mm	a mm	L mm	M mm	For insulator	Packaging pcs	Weight kg/pc
4700130	4700132	NPV 25 A	25	105	275	M24	I165/D135	12	1,43
4700140	4700142	NPV 25 B	25	140	310	M30	I165/D135	10	2,47
4700150	4700151	NPV 28 A	28	105	310	M24	I220/D175	8	1,50
4700160	4700161	NPV 28 B	28	140	345	M30	I220/D175	8	2,90
4700170	4700171	NPV 35 A	35	125	445	M24	D260	5	3,20

BENT INSULATOR BRACKETS "NSV" FOR HIGH-VOLTAGE LINES



Bent insulator pin supports "NSV" are used for medium-voltage overhead power lines (in accordance with SRPS N.F1.502). They are manufactured in two types:

Type E with wood thread

Type F with machine thread and nut

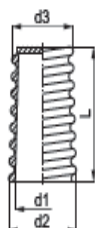
Material: Steel S235JR / EN 10025-2

Surface Protection: Galvanic zinc plating finish is standard, with hot-dip galvanizing available upon customer request.

NOTE: The plastic threaded cap for the insulator pin top is ordered separately. For brackets/supports with a thread, the letter "N" is added to the end of the designation code. Quality is guaranteed exclusively when using original FEMAN

Code No.	Designation	d mm	a mm	b mm	M/d1	For insulator	Packaging pcs	Weight kg/pc
4700125	NSV 25 E	25	120	310	20	I165/D135	15	2,60
4700126	NSV 25 F	25	250	310	24	I165/D135	10	3,90
4700128	NSV 28 E	28	120	310	22	I220/D175	10	3,60
4700129	NSV 28 F	28	250	310	24	I220/D175	3	4,85
4700127	NSV 35 F	35	300	480	30	D260	2	10,42

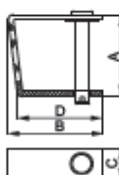
INSULATOR PLASTIC THREADED CAPS



Designed for quick and reliable installation on pin insulator spindles, providing a high-strength threaded interface for low- and medium-voltage line insulators. Manufactured from durable, weather- and UV-resistant thermoplastic materials, they ensure high dielectric strength, absorb physical shock, and prevent thread binding during thermal expansion.

Code No. "A"	Designation	d1 mm	d2 mm	d3 mm	L mm	For insulator	Packaging pcs	Weight kg/kom
4700004	95/16	16	26	24	36,5	N 80	100	0,70
4700005	95/19	18	26	24	36,5	N 80	100	0,60
4700006	31/25	25	31	27,8	47,6	I165/D135	100	0,90

INSULATOR BRACKETS Z-80 AND Z-115

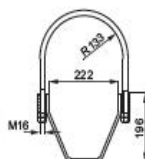


Insulator brackets (clevises/straps) for tension insulators Z-80 and Z-115 are used in low-voltage overhead power networks (in accordance with SRPS N.F1.606).

Surface Protection: Galvanic zinc plating finish is standard, with hot-dip galvanizing available upon customer request.

Code No. item with 2 holes	Code No. item with 1 hole	Designation	A mm	B mm	C mm	D mm	For insulator	Packaging pcs	Weight kg/pc
4700200	4700201	SP 105	105	110	40	-	Z80	10	0,77
4700202	4700203	SK 105	105	117	40	106	Z80	10	0,75
4700206	4700207	SP 147	147	155	50	-	Z115	10	1,75

CONCRETE-WOOD POLE EXTENSION CLAMP

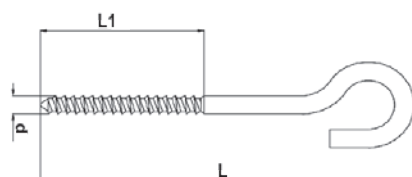


Used for extending and joining wooden poles to concrete bases (stub poles). Galvanic zinc plating finish is standard, while hot-dip galvanizing is available upon customer request.

Packaging: 5 kom
Weight: 2,43 kg/kom
Code No.: 4895450

NOTE: Upon customer request, we also manufacture all types of low-voltage and medium-voltage steel brackets.

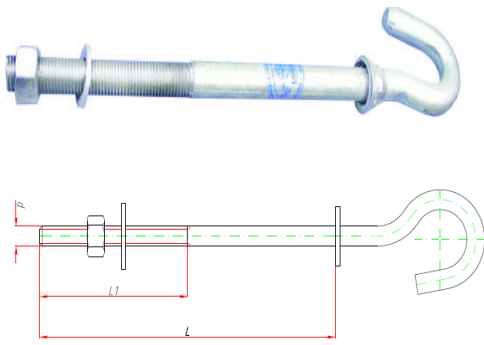
WOOD SCREW WITH HOOK



It is used on poles for strain (tension) and suspension attachment of low-voltage equipment.

Code No.	Designation	d mm	L mm	L1 mm	Packaging pcs	Weight kg/100 pcs
4702120	M12x200	M12	200	100	80	19,40
4702125	M12x250	M12	250	100	70	23,00
4702165	M16x250	M16	250	100	60	50,000
4702220	M18x220	M18	220	100	50	48,90

SCREW BOLT WITH HOOK

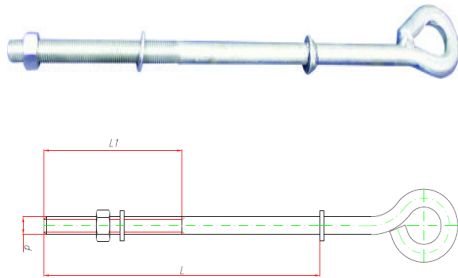


It is used on poles for strain (tension) and suspension attachment of low-voltage equipment.

Surface Protection: Galvanic zinc plating finish is standard, with hot-dip

Code No.	Designation	d mm	L mm	L1 mm	Packaging pcs	Weight kg/100 pcs
4701320	M12x200/70	M12	200	70	50	26,70
4701325	M12x250/70	M12	250	70	50	32,30
4701330	M12x300/80	M12	300	80	50	40,00
4701340	M12x400/80	M12	400	80	40	56,00
4701395	M16x100/50	M16	100	50	50	37,10
4701420	M16x200/50	M16	200	50	50	68,40
4701425	M16x250/50	M16	250	50	50	73,00
4701430	M16x300/70	M16	300	70	40	77,60

CLOSED HOOK BOLT

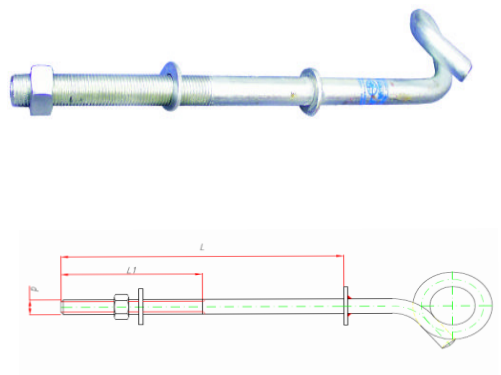


It is used on poles for strain (tension) and suspension attachment of low-voltage equipment.

Surface Protection: Galvanic zinc plating finish is standard, with hot-dip

Code No.	Designation	d mm	L mm	L1 mm	Packaging pcs	Weight kg/100 pcs
4701620	M12x200/100	M12	200	100	60	35,00
4701625	M12x250/100	M12	250	100	60	42,50
4701630	M12x300/150	M12	300	150	60	51,00
4701640	M12x450/150	M12	450	150	50	67,00
4701695	M16x200/80	M16	200	100	50	69,10
4701720	M16x250/80	M16	250	100	45	74,30
4701725	M16x300/150	M16	300	150	40	78,90
4701730	M16x350/150	M16	350	150	40	83,50

PIGTAIL HOOK BOLT

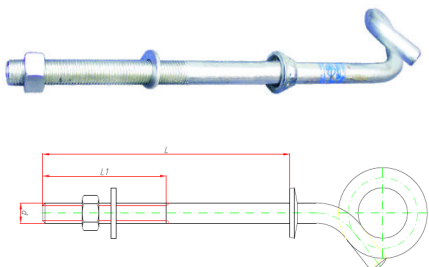


It is used on poles for strain (tension) and suspension attachment of low-voltage equipment.

Surface Protection: Galvanic zinc plating finish is standard, with hot-dip

Code No.	Designation	d mm	L mm	L1 mm	Packaging pcs	Weight kg/100 pcs
4701920	M12x200/100	M12	200	100	30	37,10
4701925	M12x250/100	M12	250	100	30	44,80
4701930	M12x300/150	M12	300	150	30	52,70
4702020	M16x200/100	M16	200	100	25	71,00
4702025	M16x250/100	M16	250	100	25	75,20
4702030	M16x300/150	M16	300	150	20	79,80
4702035	M16x350/150	M16	350	150	20	85,80

PIGTAIL HOOK BOLT WITH WASHER CAP

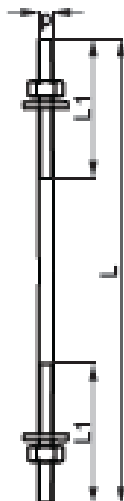


It is used on poles for strain (tension) and suspension attachment of low-voltage equipment.

Surface Protection: Galvanic zinc plating finish is standard, with hot-dip galvanizing available upon customer request.

Code No.	Designation	d mm	L mm	L1 mm	Packaging pcs	Weight kg/100 pcs
4702052	M16x200	M16	200	100	25	73,70
4702055	M16x250	M16	250	100	25	77,10
4702063	M16x300	M16	300	150	20	81,40

DOUBLE-ENDED STUD BOLT WITH NUT

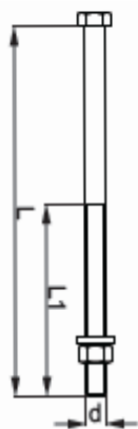


Surface Protection: Galvanic zinc plating finish is standard, with hot-dip galvanizing available upon customer request.

Code No.	Designation	d mm	L mm	L1 mm	Packaging pcs	Weight kg/100 pcs
4701018	M12x180/50	M12	180	50	60	17,0
4701020	M12x200/50	M12	200	50	60	19,0
4701025	M12x250/50	M12	250	50	60	22,5
4701030	M12x300/50	M12	300	50	60	26,0
4701035	M12x350/60	M12	350	60	50	30,0
4701040	M12x400/60	M12	400	60	50	33,5
4701045	M12x450/60	M12	450	60	15	37,0
4701050	M12x500/100	M12	500	100	10	40,5
4701060	M12x600/100	M12	600	100	10	48,0
4701118	M16x180/50	M16	180	50	60	34,0
4701120	M16x200/50	M16	200	50	50	37,0
4701125	M16x250/50	M16	250	50	45	45,0
4701130	M16x300/50	M16	300	50	40	53,0
4701135	M16x350/60	M16	350	60	40	60,0
4701140	M16x400/60	M16	400	60	35	68,0
4701145	M16x450/60	M16	450	60	15	76,0
4701150	M16x500/60	m16	500	60	15	83,0
4701160	M16x600/100	M16	600	100	15	98,0
4701170	M16x700/100	M16	700	100	10	114,0
4701180	M16x800/100	M16	800	100	10	130,0
4701190	M16x900/100	M16	900	100	10	145,0
4701191	M16x1000/150	M16	1000	150	5	160,0
4701192	M16x1250/150	M16	1250	150	5	196,0
4701193	M16x1300/150	M16	1350	150	5	205,0
4701194	M16x1400/150	M16	1400	150	5	220,0
4701195	M16x1500/150	M16	1500	150	5	235,0
4701196	M18x200/50	M18	200	50	40	52,0
4701197	M18x250/50	M18	250	50	40	61,0
4701198	M18x300/50	M18	300	50	30	72,0
4701199	M18x350/50	M18	350	50	25	82,0
4701200	M18x400/50	M18	400	50	20	92,0
4701201	M18x450/50	M18	450	50	10	102,0
4701205	M18x500/100	M18	500	100	10	112,0
4701206	M18x650/100	M18	650	100	10	142,0
4701207	M18x750/100	M18	750	100	10	162,0
4701210	M18x1000/150	M18	1000	150	5	215,0
4701212	M18x1200/150	M18	1200	150	5	245,0
4701213	M18x1300/150	M18	1300	150	5	275,0
4701219	M18x1400/150	M18	1400	150	5	305,0
4701225	M20x250/50	M20	250	50	30	64,0
4701230	M20x300/50	M20	300	50	30	77,5
4701235	M20x350/50	M20	350	50	25	90,5
4701240	M20x400/60	M20	400	60	20	103,5
4701245	M20x450/60	M20	450	60	10	126,5
4701250	M20x500/60	M20	500	60	10	139,5
4701260	M20x600/100	M20	600	100	10	165,5
4701270	M20x700/100	M20	700	100	10	191,5
4701275	M20x750/100	M20	750	100	10	204,5
4701280	M20x800/100	M20	800	100	5	217,5
4701290	M20x900/100	M20	900	100	5	243,5
4701291	M20x1000/150	M20	1000	150	5	269,5
4701292	M20x1250/150	M20	1250	150	5	334,5
4701293	M20x1350/150	M20	1350	150	5	360,5
4701294	M20x1450/150	M20	1450	150	5	386,5
4701295	M20x1500/150	M20	1500	150	5	399,5

BOLT WITH NUT

Surface Protection: Galvanic zinc plating finish is standard, with hot-dip galvanizing available upon customer request.

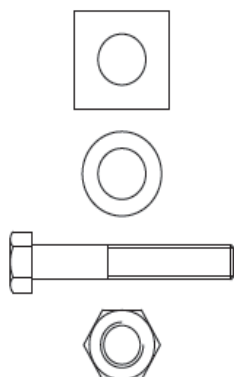


Code No.	Designation	d mm	L mm	L1 mm	Packaging pcs	Weight kg/100 pcs
4700518	M12x180/50	M12	180	50	60	18,0
4700520	M12x200/50	M12	200	50	60	20,0
4700525	M12x250/50	M12	250	50	60	23,0
4700620	M14x200/50	M14	200	50	60	26,0
4700622	M14x220/50	M14	220	50	60	28,0
4700718	M16x180/50	M16	180	50	60	38,5
4700720	M16x200/50	M16	200	50	50	41,7
4700722	M16x220/50	M16	220	50	50	45,0
4700724	M16x240/50	M16	240	50	45	48,2
4700725	M16x250/50	M16	250	50	45	49,9
4700727	M16x270/50	M16	270	50	45	53,1
4700730	M16x320/60	M16	320	60	40	58,0
4700735	M16x350/60	M16	350	60	40	66,0
4700818	M18x180/50	M18	180	60	45	49,0
4700820	M18x200/50	M18	200	60	40	52,0
4700825	M18x250/50	M16	250	60	40	57,0
4700830	M18x300/60	M18	300	60	30	62,0
4700835	M18x350/60	M18	350	60	25	68,0
4700840	M18x400/60	M18	400	60	20	75,0
4700850	M18x500/60	M18	500	60	10	88,0
4700860	M18x600/100	M18	600	100	10	101,0
4700920	M20x200/50	M20	200	50	40	56,0
4700925	M20X250/50	M20	250	50	25	69,6
4700930	M20X300/60	M20	300	60	25	83,1
4700935	M20X350/60	M20	350	60	25	96,9
4700940	M20X400/80	M20	400	80	20	110,1
4700945	M20X450/90	M20	450	90	10	123,6
4700950	M20X500/100	M20	500	100	10	137,1

WASHERS, BOLTS AND NUTS

All standard dimensions of bolts and nuts are supplied upon customer request. Bolts and nuts are grade 5.8 and 8.8.

Surface Protection: Galvanic zinc plating finish is standard, with hot-dip galvanizing available upon customer request.



For bolt M	Square washers	Round washers
4	-	-
6	-	-
8	-	-
10	-	--
12	4703025	4704025
14	4703026	4704026
16	4703027	4704027
18	4703028	4704028
20	4703029	4704029
22	4703030	4704030
25	4703031	4704031

FemaN

8

POLE LINE HARDWARE
AND EARTHING
EQUIPMENT

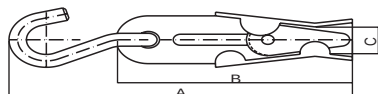


PSK 1 DEAD-END CLAMP

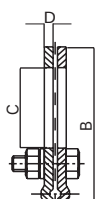
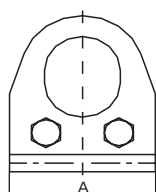


Used for the tension anchoring/dead-ending of messenger wires on self-supporting telephone cables (3x1 or 7x1). Manufactured in two sizes for loads up to 300 daN and up to 500 daN. Surface Protection: Steel components feature galvanic zinc plating as standard, with hot-dip

Code No.	Type	A mm	B mm	C mm	D mm	Packaging pcs	Weight kg/100 pcs
3100010	PSK 1/300	138	95	14	59,5	75	9,10
3100012	PSK 1A/500	192	118	14	98	40	15,00



PSK 2 INTERMEDIATE SUSPENSION CLAMP

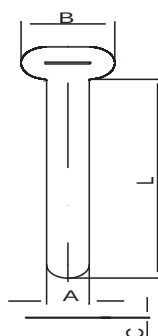


Designed for the suspension support of self-supporting telephone cables. Manufactured for messenger wires sized 3x1 mm (PSK 2) and 7x1 mm (PSK 2A).

Surface Protection: Steel components feature galvanic zinc plating as standard, with hot-dip galvanizing available upon customer request.

Code No.	Type	A mm	B mm	C mm	D mm	Packaging pcs	Weight kg/100 pcs
3100020	PSK 2	50	60	31	3	50	25
3100022	PSK 2A	50	73	31	5	50	40

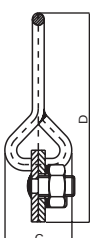
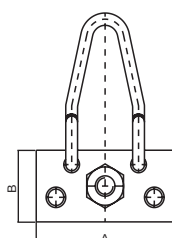
PSK 3 SAFETY BELT



Designed for securing self-supporting telephone cables at points where the messenger wire (3x1 or 7x1) branches off or separates.

Code No.	Type	A mm	B mm	C mm	L mm	Packaging pcs	Weight kg/100 pcs
3100035	PSK 3/110	15	33	0.55	110	100	7

PSK 4 STRAIN RELIEF CLAMP

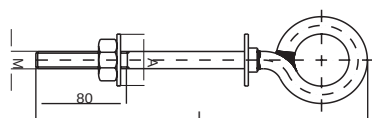


Designed for load strain relief across the span of all self-supporting telephone cables. The strain relief clamp is used for suspension mounting on intermediate support brackets PSK 7, PSK 9, PSK 10, PSK 11, and PSK 13.

Surface Protection: Steel components feature galvanic zinc plating as standard, with hot-dip galvanizing available upon customer request.

Code No.	Type	A mm	B mm	C mm	L mm	Packaging pcs	Weight kg/100 pcs
3100040	70	35	34	102	50	25	7

PSK 6 END BRACKET

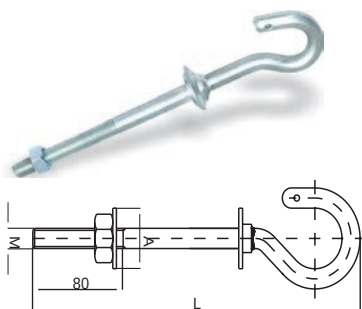


Designed for pole and wall mounting to anchor dead-end clamps carrying self-supporting cables.

Surface Protection: Steel components feature galvanic zinc plating as standard, with hot-dip

Code No. L=330	Code No. L=410	Force kp	A mm	M mm	L mm	Packaging pcs	Weight kg/100 pcs
3100060	3100061	500	60	8	330/410	50/50	26/32
3100064	3100065	1300	60	12	330/410	50/50	39/44

PSK 7 INTERMEDIATE SUPPORT BRACKET

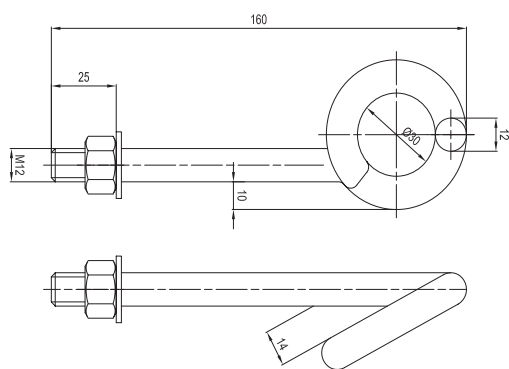


Designed for pole and wall mounting to accept intermediate suspension clamps carrying self-supporting cables.

Surface Protection: Galvanic zinc plating as standard, with hot-dip galvanizing available

Code No. L=360	Code No. L=450	Tensile Strength kP	A mm	M mm	L mm	Packaging pcs	Weight kg/100 pcs
3100070	3100071	500	60	12	360/450	30/30	30/38

PSK 8 SUSPENSION HOOK FOR ROUND EXTENSION BRACKET 500 daN



Designed for mounting on PSK 17. Used as a suspension hook and manufactured from round steel bar $\varnothing 12$ mm.

Surface Protection: Galvanic zinc plating as standard, with hot-dip galvanizing available upon customer request.

Packaging: 25 pcs

Weight: 0.60 kg/pc

Code No.: 3100080

PSK 9/150 INTERMEDIATE WALL BRACKET



Designed for wall mounting to accept intermediate suspension clamps carrying self-supporting cables. The rear section of the bracket is secured to the wall by embedding in concrete or using another strong bonding agent.

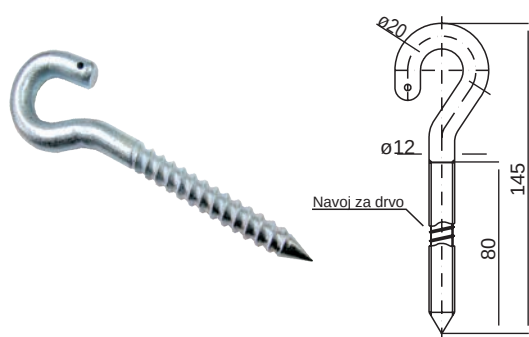
Surface Protection: Steel components feature galvanic zinc plating as standard, with hot-dip galvanizing available upon customer request. Maximum Load: 150 kp (daN)

Packaging: 100 pcs

Weight: 5,20 kg/100 pcs

Code No.: 3100090

PSK 10 INTERMEDIATE POLE BRACKET



Designed for mounting on wooden poles to accept intermediate suspension clamps carrying self-supporting cables.

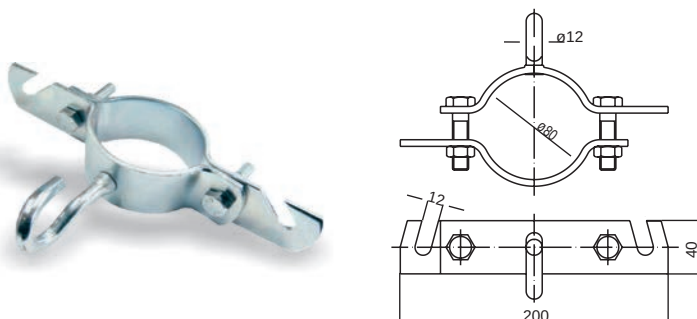
Surface Protection: Galvanic zinc plating as standard, with hot-dip galvanizing available upon customer request.

Packaging: 100 pcs

Weight: 15,0 kg/100 pcs

Code No.: 3100100

PSK 10B INTERMEDIATE PIPE BRACKET



Designed for mounting on pipes with a diameter of 75–80 mm to accept intermediate suspension clamps carrying self-supporting cables.

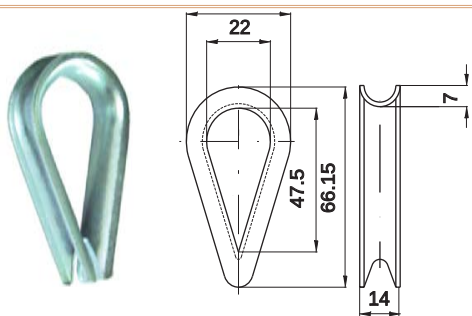
Surface Protection: Steel components feature galvanic zinc plating as standard, with hot-dip galvanizing available upon customer request.

Packaging: 25 pcs

Weight: 0,6 kg/pc

Code No.: 3100102

WIRE ROPE THIMBLE

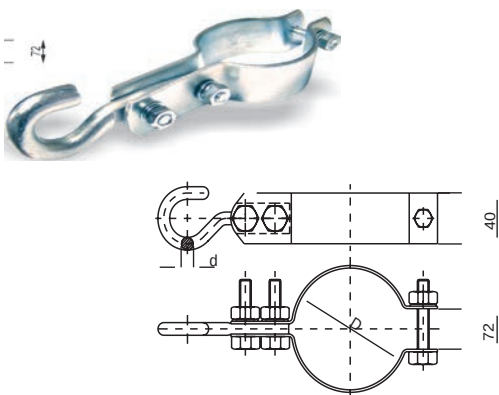


Manufactured from sheet metal. Serves as a guide for the messenger wire of self-supporting telephone cables.

Surface Protection: Galvanic zinc plating as standard, with hot-dip galvaniz-

Code No.	Wire rope thickness (mm)	Cable Guide R (mm)	Inner Diameter (mm)	Eye Length (mm)	Sheet Metal Thickness (mm)
3101800	5	3	13	28	0,75
3101801	8	4,5	18	39	1
3101802	10	5,5	22	47	1,5

PSK 11/750 POLE BRACKET WITH STRAP

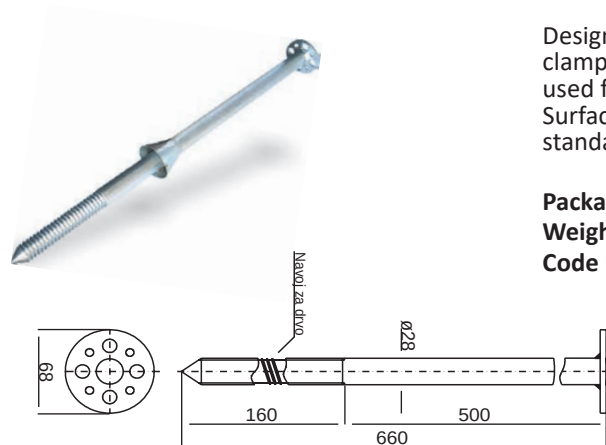


Designed for mounting on poles to accept dead-end clamps carrying self-supporting cables. Permissible load is 500, 750, or 1300 daN.

Surface Protection: Steel components feature galvanic zinc plating as standard, with hot-dip galvanizing available upon customer request.

Code No.	Type	d mm	D mm	Screws on hook	Screws on pole clamp
3101116	11/500	12	120-150	M8	M10
3101117	11/750	16	120-150	M10	M12
3101118	11/1300	20	120-150	M12	M16

PSK 12/800 ROOF DISTRIBUTION BRACKET

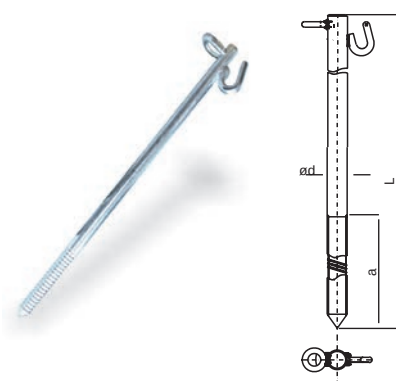


Designed for installation on house roofs to accept dead-end clamps carrying self-supporting cables. Guy wires/stay rods can be used for improved securing of the bracket to the roof structure.

Surface Protection: Steel components feature galvanic zinc plating as standard, with hot-dip galvanizing available upon customer request.

Packaging: 1 pc
Weight: 340 kg/100 pcs
Code No.: 3101268

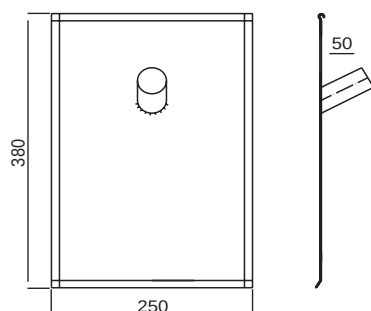
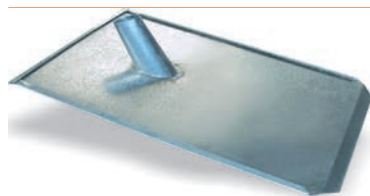
PSK 13 COMBINED ROOF BRACKET (SUSPENSION / DEAD-END)



Designed for installation on house roofs to accept anchoring/dead-end clamps and intermediate suspension clamps carrying self-supporting cables. Guy wires/stay rods can be used for improved securing of the bracket to the roof structure.

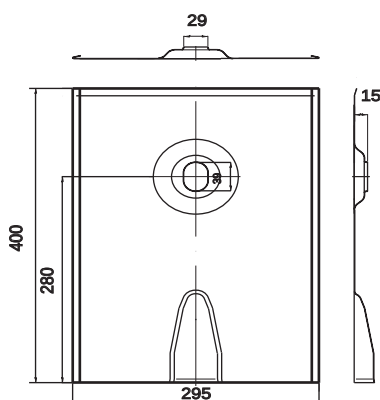
Surface Protection: Steel components feature galvanic zinc plating as standard, with hot-dip galvanizing available upon customer request.

Code No.	Tensile strength daN	a mm	d mm	L mm	Packaging pcs	Weight kg/100 pcs
3101354	11/500	12	120-150	M8	1	1,30
3101364	11/750	16	120-150	M10	1	2,30
3101375	11/1300	20	120-150	M12	1	3,40

PSK 16A INTERMEDIATE PROTECTIVE TIN ROOF TILE

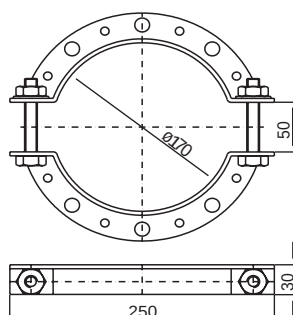
Designed for protection against atmospheric water when installing intermediate brackets on roofs covered with standard tiles. Manufactured from galvanized sheet metal.

Packaging: 30 pcs
Weight: 50 kg/ 100 pcs
Code No.: 3101600

PSK 16B TIN ROOF TILE FOR CABLE INLET

Designed for protection against atmospheric water when installing anchoring/dead-end brackets on roofs covered with standard tiles. Manufactured from galvanized sheet metal. Supplied with a UV-resistant protective rubber boot/gasket made from UV-stable rubber compounds.

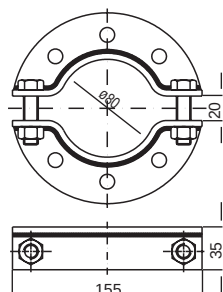
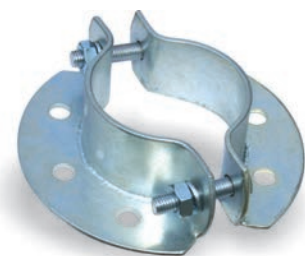
Packaging: 30 pcs
Weight: 55 kg/ 100 pcs
Code No.: 3101601

PSK 17 POLE DISTRIBUTION BRACKET

Designed for installation on wooden and concrete poles for the distribution of self-supporting cables using anchoring/dead-end clamps.

Surface Protection: Steel components feature galvanic zinc plating as standard, with hot-dip galvanizing available upon request.

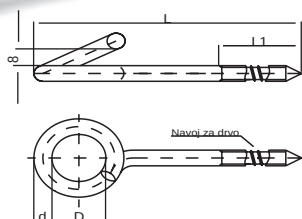
Packaging: 25 pcs
Weight: 114 kg/100 pcs
Code No.: 3101700

PSK 17B PIPE DISTRIBUTION BRACKET

Designed for installation on a galvanized steel pipe for the distribution of self-supporting cables using anchoring/dead-end clamps.

Surface Protection: Steel components feature galvanic zinc plating as standard, with hot-dip galvanizing available upon request.

Packaging: 20 pcs
Weight: 91 kg/100 pcs
Code No.: 3101702

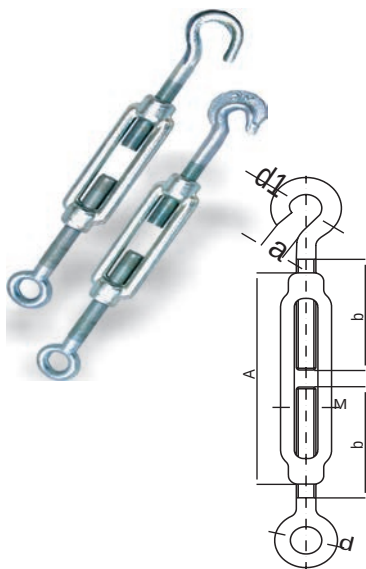
PSK 19 PIGTAIL ROUTING RING WITH WOOD THREAD

Used for arranging and routing self-supporting cables on poles or roof structures. Manufactured from calibrated steel.

Surface Protection: Steel components feature galvanic zinc plating as standard, with hot-dip galvanizing available upon customer request.

Code No.	Type	L mm	L1 mm	d mm	D mm	Packaging pcs	Weight kg/100 pcs
3101800	PSK 19	85	35	5	25	100	3,20
3101801	PSK 19 A	100	40	8	40	50	5,00

PSK 18 TURNBUCKLES

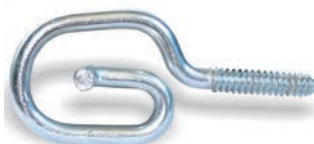


Used as a tensioning element in the construction of all types of stay wires/guys for wooden and concrete poles, as well as for roof brackets.

Surface Protection: Galvanic zinc plating is provided as standard, with hot-dip galvanizing available upon customer request.

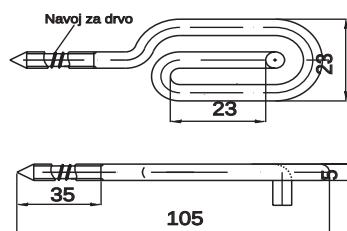
Code No.	Type	A mm	a mm	b mm	d mm	d1 mm	Total length mm	Tensioning Range (mm)	Packaging pcs	Weight kg/pc
3890006	M6	110	12	46	18	18	200-270	70	20	
3890008	M8	110	14	65	20	20	240-310	70	20	
3890010	M10	125	14	75	20	20	300-375	75	20	0,30
3890012	M12	145	16	75	24	24	300-375	75	10	0,53
3890016	M16	172	16	100	28	28	400-505	105	10	0,96
3890016	M16-0	172	-	100	28	28	400-505	105	10	1,22

PSK 20 BRACKET



Used for arranging and routing self-supporting cables on poles or roof structures. Manufactured from calibrated steel.

Surface Protection: Steel components feature galvanic zinc plating as standard, with hot-dip galvanizing available upon customer request.

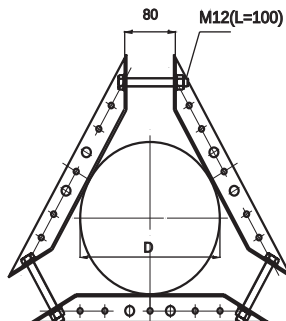


Packaging: 100 pcs

Weight: 10kg/100 pcs

Code No.: 3102005

PSK 17 AND PSK 30 TRIANGULAR BRACKET

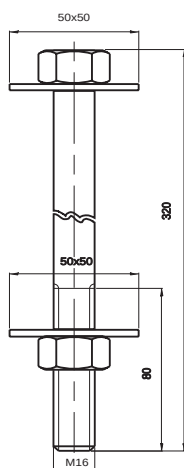


Designed for installation on poles for the distribution of self-supporting cables using anchoring/dead-end clamps.

Surface Protection: Steel components feature galvanic zinc plating as standard, with hot-dip galvanizing available upon request.

Code No.	Designation	D mm
3101703	PSK-30	220
3101704	PSK-17	135

M16 x 320/80 BOLT WITH NUT



Designed for utility pole assembly and overhead line construction. Featuring an M16 nominal diameter, an overall length of 320 mm, and an 80 mm thread length, it provides the required reach and load-bearing strength to securely anchor brackets, crossarms, and hardware to timber or concrete poles.

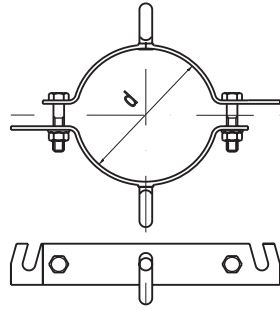
Surface Protection: Steel components feature galvanic zinc plating as standard, with hot-dip galvanizing available upon request.

Packaging: 40 pcs

Weight: 5,1 kg/pc

Code No.: 4700732

PSK 26A POLE CLAMP WITH HOOKS AND NOTCHES

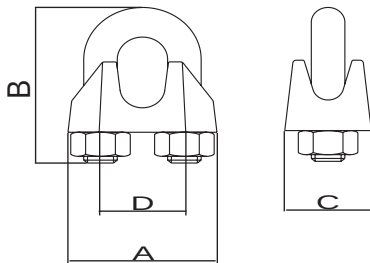


Designed for securing anchoring/dead-end clamps for self-supporting telecommunications cables on poles.

Surface Protection: Galvanic zinc plating is provided as standard, with hot-dip galvanizing available upon customer request.

Code No.	d mm	Packaging pcs	Weight kg/100 pcs
3101915	130-150	20	175
3101917	150-170	15	180
3101920	170-200	15	195
3101925	200-250	12	208

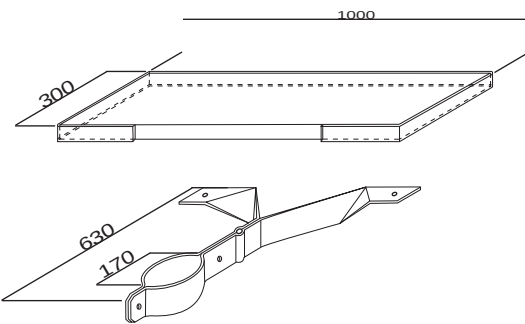
WIRE ROPE CLIP



Galvanic zinc plating is provided as standard, with hot-dip galvanizing available upon customer request.

Code No.	For wire mm	A mm	B mm	C mm	Packaging pcs	Weight kg/pc
3400005	5	22	24	10	100	-
3400006	6,5	25	28	12	100	2,40
3400008	8	30	34	14	100	3,20
3400010	10	35	42	20	100	6,50
3400011	11	37	44	20	50	10,80
3400013	13	43	55	25	50	14,40
3400014	14	45	57	25	50	-
3400016	16	52	63	28	50	-

FOOTBOARD FOR 1 POLE WITH BRACKET

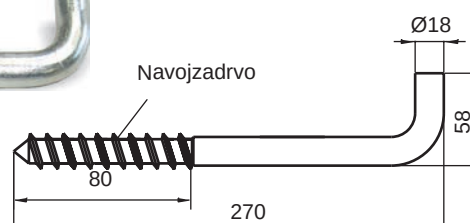


The footboard is pressure-treated/impregnated timber, and the bracket is galvanized steel (hot-dip galvanizing available upon customer request).

Code No.: 3102011



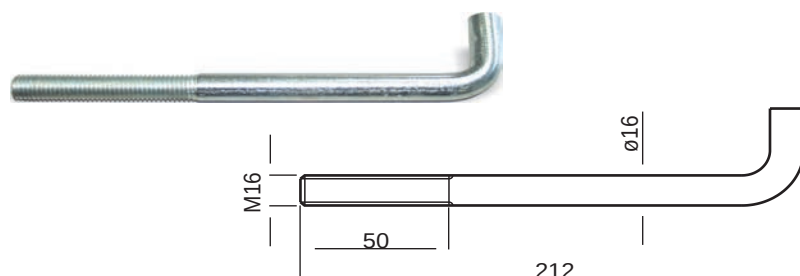
POLE STEP PEG FOR WOODEN POLE



Galvanic zinc plating is provided as standard, with hot-dip galvanizing available upon customer request.

Code No.: 3102119

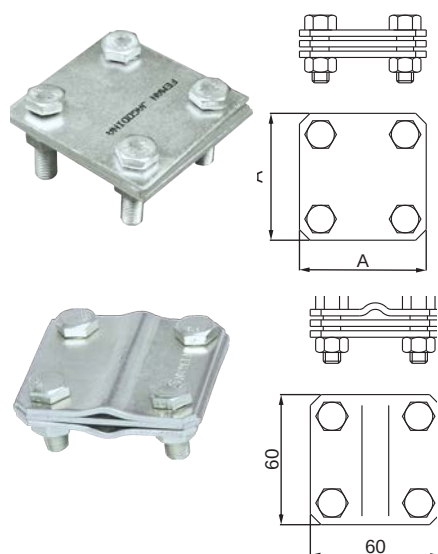
POLE STEP PEG FOR CONCRETE POLE



Galvanic zinc plating is provided as standard, with hot-dip galvanizing available upon customer request.

Code No.: 3102118

CROSS CONNECTOR

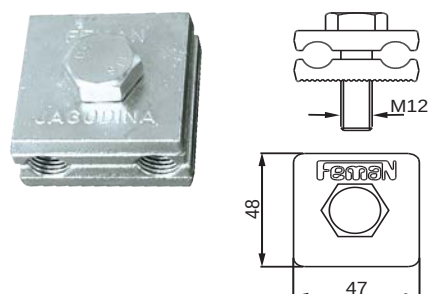


Manufactured from 2.5 mm thick sheet steel, used for joining/splicing earthing tapes (strips) and for connecting earthing tapes to round down-conductors.

Surface Protection: Features galvanic zinc plating, with hot-dip galvanizing available upon customer request.

Code No.	Type	A	Packaging pcs	Weight kg/100 pcs
5200010	Cross Connector with Intermediate Plate (60)	60	25	30,0
5200015	Cross Connector without Intermediate Plate (60)	60	25	22,5
5200016	Cross Connector with Intermediate Plate Tape-to-Cable (60)	60	25	30,0
5200020	Cross Connector with with Intermediate Plate Busbar-to-Cable (60)	60	25	30,0
5200021	Cross Connector without with Intermediate Plate Tape-to-Cable (60)	60	25	22,5
5200027	Cross Connector with with Intermediate Plate Tape-to-Cable (80)	80	25	54,2
5200028	Cross Connector with Intermediate Plate (80)	80	25	54,2
5200029	Cross Connector with Intermediate Plate Busbar-to-Cable (80)	80	25	54,2

EARTHING CLAMP FOR POLES WITH ROUND CONDUCTORS - SMALL

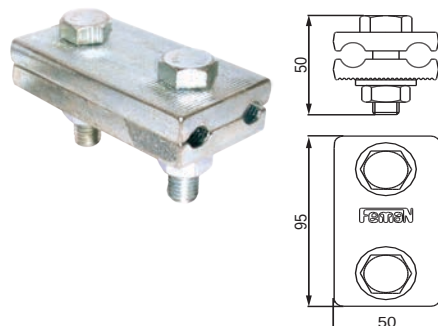


"Feman" clamps are engineered to provide an exceptionally secure connection, preventing electrical continuity loss and conductor pull-out under electrodynamic forces or sudden mechanical stresses.

The clamps are designed for securing round conductors to earthing busbars, interconnecting two conductors, and bonding pole earthing systems.

Code No.	Type	Packaging pcs	Weight kg/100 pcs
5200030	Busbar Grounding Clamp - Steel	25	32,0
5200031	Pole Grounding Clamp - Steel	25	30,0
5200033	Busbar Grounding Clamp - Ms	25	35,0
5200034	Stezaljka za uzemljenje za stub - Ms	25	33,0

EARTHING CLAMP FOR POLES WITH ROUND CONDUCTORS - LARGE

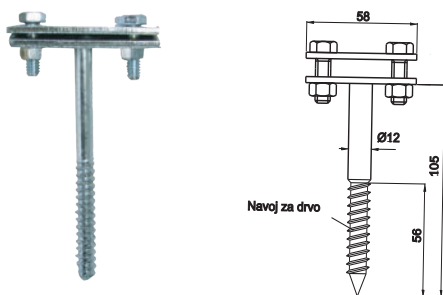


"Feman" clamps are engineered to provide an exceptionally secure connection, preventing electrical continuity loss and conductor pull-out under electrodynamic forces or sudden mechanical stresses.

The clamps are designed for securing round conductors for earthing or for interconnecting two conductors.

Code No.	Type	Packaging pcs	Weight kg/100 pcs
5200032	Grounding Clamp - Steel (double)	30	63
5200036	Grounding Clamp - Ms (double)	30	70

EARTHING TAPE BRACKET FOR WOOD

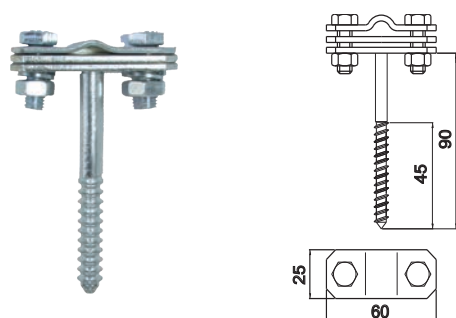


Used for securing lightning conductor leads/down-conductors on wooden poles.

Surface Protection: Corrosion protection is provided by galvanic zinc plating, with hot-dip galvanizing available upon customer request.

Packaging: 50 pcs
Weight: 12 kg/100 pcs
Code No.: 3108010

CONDUCTOR SUPPORT WITH WOOD THREAD

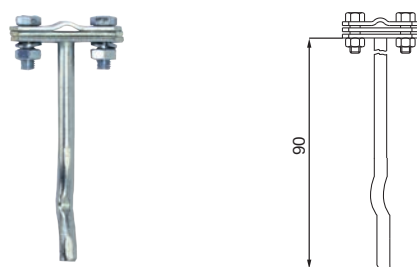


Used for securing lightning conductors on wooden poles. It is universal, suitable for both flat strips and round conductors.

Surface Protection: Corrosion protection is provided by galvanic zinc plating, with hot-dip galvanizing available upon customer request.

Packaging: 50 pcs
Weight: 13 kg/100 pcs
Code No.: 5200100

CONDUCTOR SUPPORT

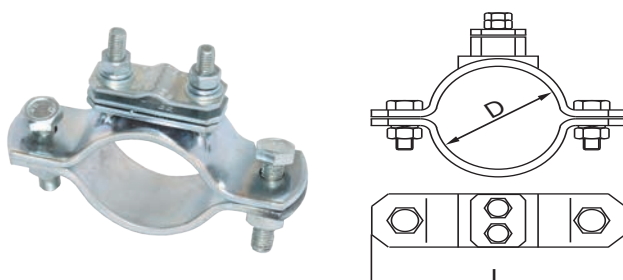


Used for securing lightning conductors on buildings and other structures. It is universal, suitable for both flat strips and round conductors.

Surface Protection: Corrosion protection is provided by galvanic zinc plating, with hot-dip galvanizing available upon customer request.

Packaging: 50 pcs
Weight: 14 kg/100 pcs
Code No.: 5200101

EARTHING ROD CLAMP

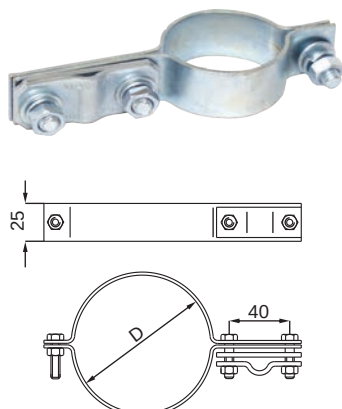


The "Feman" earth rod clamp is manufactured from high-quality materials with superior surface protection, ensuring an exceptionally compact and reliable connection between the down-conductor and the earthing rod.

It is used for connecting down-conductors to earthing rods.

Code No.	D mm	Weight kg/100 pcs
5201064	48,3	68
5201065	60,3	74
5201066	76,1	80

PIPE CLAMP

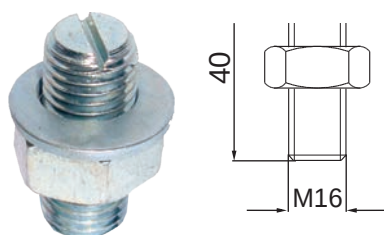


The pipe clamp is an element of lightning protection systems used for bonding and securing lightning conductors to various piping systems in buildings and other structures. It is universal, suitable for both flat strips and round conductors.

Surface Protection: Corrosion protection is provided by galvanic zinc plating,

Code No.	D mm	Packaging	Weight kg/pc
5200140	48,3	50	0,23
5200141	60,3	50	0,25
5200142	76,3	50	0,27

EARTHING SCREW



Used for connecting the earthing/grounding of concrete and steel poles.

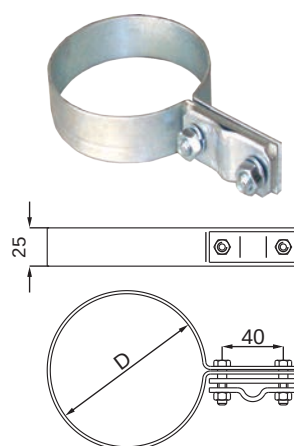
Packaging: 50 pcs
Weight: 8,1 kg/100 pcs
Code No.: 5200002

ELDS 104/12 SPACER



Packaging: 10 pcs
Weight: 12 kg/100 pcs
Code No.: 5200065

ROUND DOWNSPOUT EARTHING CLAMP

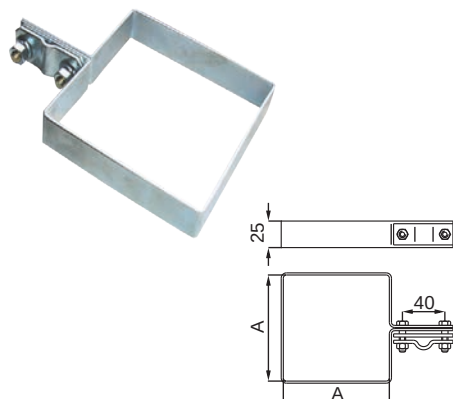


The round gutter/downspout clamp is an element of lightning protection systems used for connecting lightning conductors to round gutters/downspouts or as a support for the down-conductor, installed every 120–150 cm. It is manufactured from 1.5–2 mm thick steel sheet in accordance with JUS C.B0.500. It is universal, suitable for both flat strips and round conductors.

Surface Protection: Corrosion protection is provided by galvanic zinc plating, with hot-dip galvanizing available upon customer request.

Code No.	D mm	Packaging pcs.	Weight kg/pc
5200120	100	50	0,28
5200121	110	50	0,30
5200122	120	50	0,32

SQUARE DOWNSPOUT EARTHING CLAMP

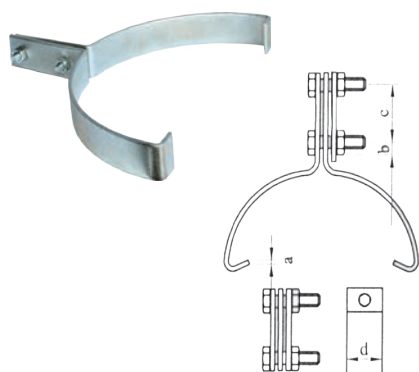


The rectangular gutter/downspout clamp is an element of lightning protection systems used for connecting lightning conductors to rectangular gutters/downspouts or as a support for the down-conductor, installed every 120–150 cm. It is manufactured from 1.5–2 mm thick steel sheet in accordance with JUS C.B0.500. It is universal, suitable for both flat strips and round conductors.

Surface Protection: Corrosion protection is provided by galvanic zinc plating, with hot-dip galvanizing available upon customer request.

Code No.	A mm	Packaging pcs.	Weight kg/pc
5200130	100	50	0,32
5200131	120	50	0,35
5200132	140	50	0,38

ROOF HOLDER FOR EARTHING TAPE

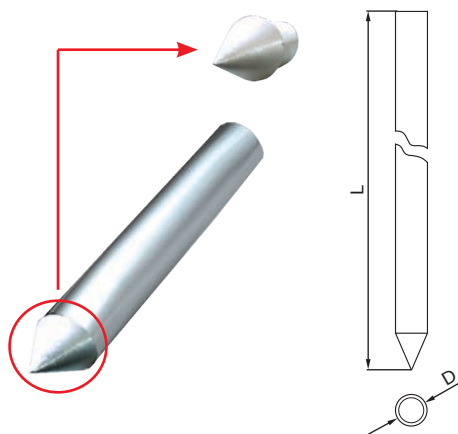


Used for connecting and supporting earthing tapes along the middle of the roof (ridge).

Surface Protection: Protected by galvanic zinc plating, with hot-dip galvanizing available upon customer request.

Code No.	A mm	B mm	C mm	Packaging pcs	Težina kg/100kom
5200150	40	40	40	50	0,32

EARTHING ROD PROBE



Used for earthing installation systems to discharge atmospheric and other electrical surges into the ground.

Surface Protection: Corrosion-protected by hot-dip galvanizing.

Code No.	D mm	Dimensions inch (col)	L mm	Packaging pcs	Weight kg/100 pcs
5201045	48,3	1,5	2000	1	7,80
5201048	60,3	2	1500	1	7,8
5201050	60,3	2	2000	1	10,4
5201051	60,3	2	3000	1	15,6
5201052	76,1	2,5	1500	1	10
5201053	76,1	2,5	2000	1	13,3
5201054	76,1	2,5	3000	1	20
5201055	88,3	3	1500	1	12,5

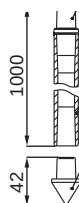
CROSS-SHAPED EARTHING PROBE WITH A CROSS CONNECTOR



It is used for earthing installations to discharge atmospheric and other electrical currents into the ground. Cross-shaped earthing probes provide a significantly larger contact surface compared to round probes of the same length (up to 2.4 times larger). The earthing resistance depends on the size of the contact surface. Supplied with a 60 × 60 cross connector. Protected against corrosion by hot-dip galvanizing.

Code No.	Type	Cross-shappe dimensions	L mm	Packaging pcs.	Weight kg/100 pcs
5201082	FKS-1	60x60	1000	1	2,5
5201084	FKS-1,5	60x60	1500	1	3,8
5201086	FKS-2	60x60	2000	1	5

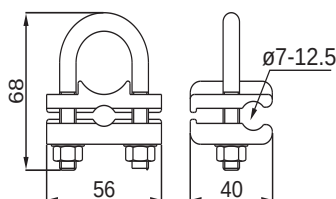
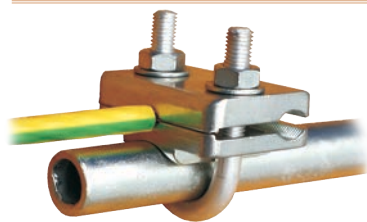
EXTENDABLE DEEP EARTH ROD – DIN 48852



Code No.	Item description
5201070	Earth Rod Tip
5201080	Striking Head
5201090	Adapter Impact Hammer Drill 60
5201100	Extension Rod Ø1/2" L=1000 mm
5201110	Rod Coupler

The extendable deep earth rod – DIN 48852 provides safe discharge of direct lightning strikes and other electrical surges into the ground without generating dangerous steep surge overvoltages around the earthing system.

It is manufactured from materials capable of withstanding the full dynamic properties of direct atmospheric discharge currents and mechanical stresses without damage. The earth rod is electrolytically treated to prevent corrosion during service life.

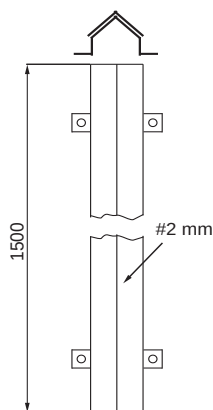
EARTHING ROD CLAMP 1/2"-3/4"

The "Feman" earthing rod clamp 1/2"-3/4" is characterized by high manufacturing quality, providing a compact and reliable connection between the down-conductor and the earthing electrode. It is used for connecting down-conductors to deep extendable earthing rods.

Packaging: 100 pcs

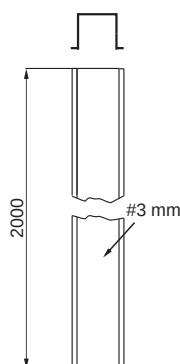
Weight: 35 kg/100 pcs

Code No.: 5200060

DOWN-CONDUCTOR PROTECTOR 45x45x1500

Used to protect the vertical lightning down-conductor from the test joint to the ground entry on buildings and other structures. It is secured to the wall using mounting brackets and is not buried in the ground.
Surface Protection: Corrosion-protected by hot-dip galvanizing.

Code No.	Dimensions mm	Packaging pcs	Weight kg/pc
5201076	45x45x1500	1	8,60
5201056	45x45x2000	1	11,40
5201057	40x40x1500	1	8,00
5201061	60x60x1500	1	12,00
5201063	40x40x3000	1	16,00

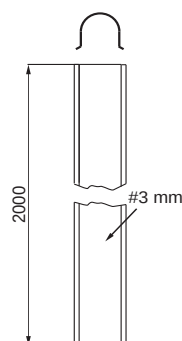
UNDERGROUND CABLE PROTECTOR

Used for protecting underground cables, secured to the pole shaft using galvanized, perforated mounting straps.

Surface Protection:

Corrosion-protected by hot-dip galvanizing.

Code No.	Dimensions mm	Packaging pcs	Weight kg/pc
5201062	100x100x2000x3	1	18,60
5201069	150x150x2000x3	1	21,50

UNDERGROUND CABLE PROTECTOR

Used for protecting underground cables, secured to the pole shaft using galvanized, perforated mounting straps.

Surface Protection: Corrosion-protected by hot-dip galvanizing.

Code No.	Type	Dimensions mm	Packaging pcs	Weight kg/pc
5201058	FZ 52	52x2000x3	1	6,70
5201059	FZ 76	76x2000x3	1	13,00

EXTERNAL EARTHING CONDUCTOR

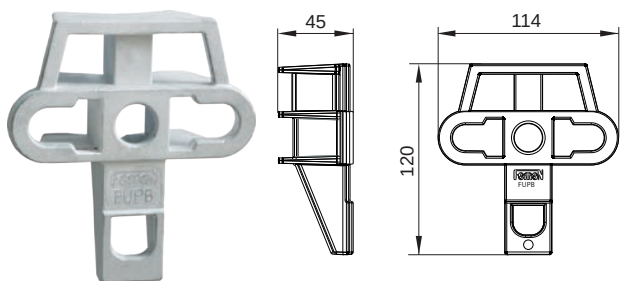
Manufactured from hot-dip galvanized steel cable Ø12 mm and high-grade steel tubing used to form the 70 mm² cable lug (hot-dip galvanized). Upon customer request, the lugs can also be made from stainless steel tubing and supplied in customized lengths to meet end-user

Code No.	Type	Length L (mm)	Packaging pcs
5200067	ELDS 106-300	300	1
5200068	ELDS 108-400	400	1
5200069	ELDS 110-500	500	1
5200070	ELDS 110-600	600	1
5200072	ELDS 110-1000	1000	1

ADSS CABLE HARDWARE & ACCESSORIES

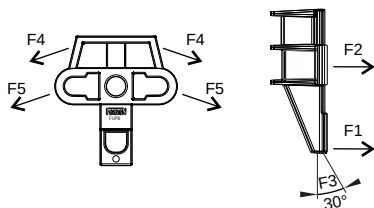


FEMAN UNIVERSAL POLE BRACKET (FUPB)



The FEMAN universal pole bracket (FUPB) is designed for the anchoring and suspension support of fiber optic cables. It is manufactured by high-pressure die casting of aluminum alloy. This multi-purpose bracket can be mounted on wooden, concrete, and steel poles using stainless steel strapping (19–20 mm) or an M14 or M16 bolt. The universal bracket also offers the possibility of mounting a general-purpose bracket to increase the number of potential connections.

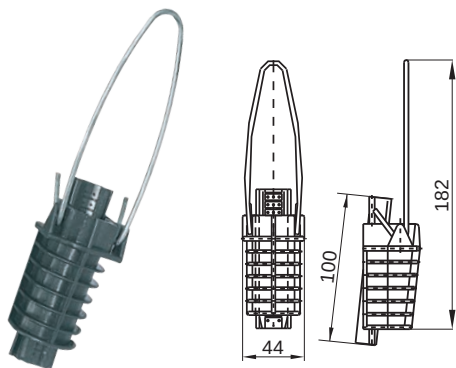
Packaging: 50 pcs.
Weight: 0.25 kg/pc.
Code No.: 3800010



Maximum load capacity (Safety factor=3)	Dead-end anchoring F1	500 daN
	Double dead-end anchoring F2	300 daN
	Suspension / tensioning F3	930 daN
	Straight-line suspension F4	200 daN
	Angle anchoring F5	500 daN

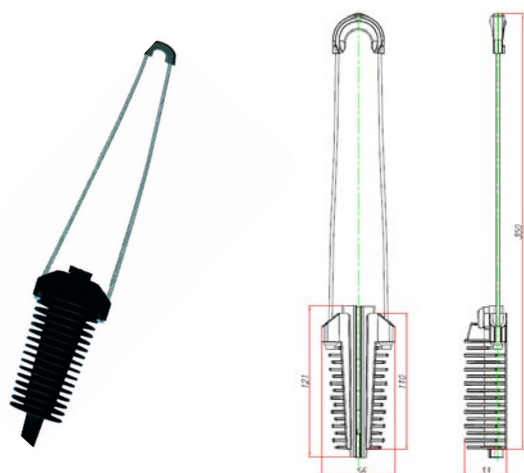


ANCHORING CLAMP PA 118 FOR ADSS CABLE Ø1–18 mm (200 daN)



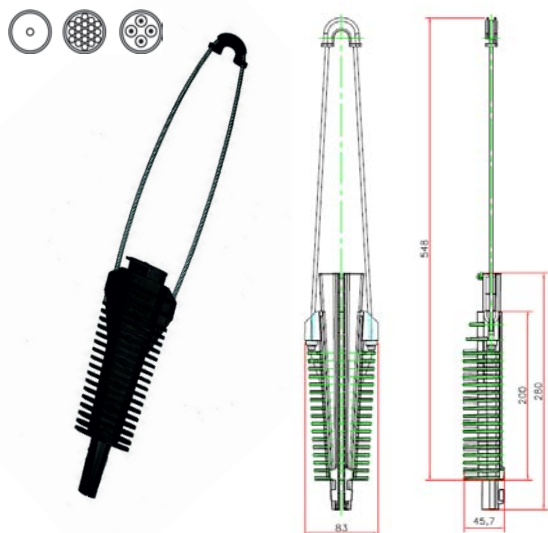
It is used for the anchoring of ADSS cables with a diameter of 1 to 18 mm. The clamp body is made of weather and UV-resistant glass-fiber reinforced polyamide. The 100 mm wedge length enables the distribution of the clamping force without damaging the insulation for pole spans up to 60 m. Its design represents a state-of-the-art technical solution, making installation and removal easy, fast, reliable, and without the use of special tools. The minimum breaking force is 200 daN.

Packaging: 100 pcs.
Weight: 0.07 kg/pc.
Code No.: 3811637

ANCHORING CLAMP PA 38 FOR ADSS CABLE $\phi 3-8$ mm, L=800 mm

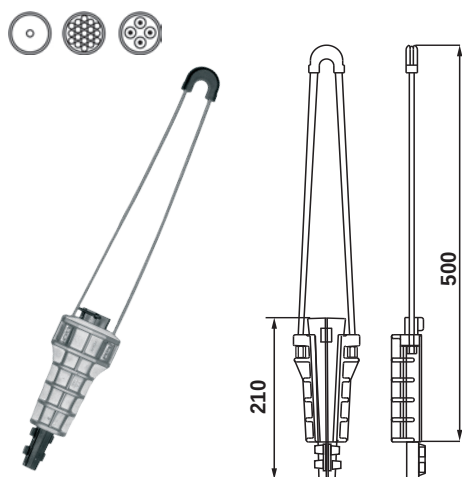
It is used for the anchoring of ADSS cables with a diameter of 3 mm to 8 mm. The clamp body is made of high mechanical strength polyamide, with self-tensioning insulating wedges made of polyamide. The 121 mm wedge length provides a large contact surface area on the conductor and distributes the clamping force without damaging the insulation. The clamp is supplied with a hot-dip galvanized steel wire rope with a length of 800 mm, which allows for a gentle bend of the conductor without breaking. Its design represents a state-of-the-art technical solution, making installation and removal easy, fast, reliable, and without the use of special tools.

Packaging: 100 pcs.
Weight: 13 kg/100 pcs.
Code No.: 3812138

ANCHORING CLAMP PA 600 FOR ADSS CABLE $\phi 8-19$ mm, L=800 mm

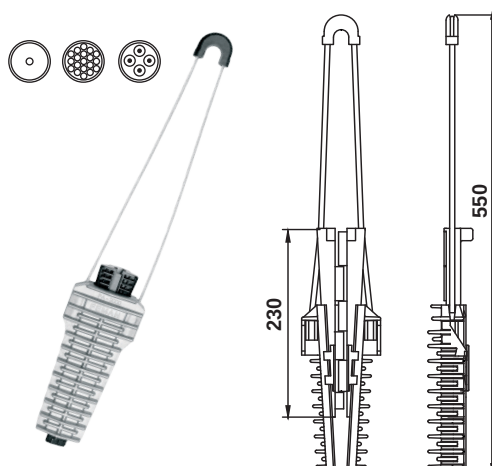
It is used for the anchoring of ADSS cables with a diameter of 8 mm to 19 mm. The clamp body is made of high mechanical strength polyamide, with self-tensioning insulating wedges made of polyamide. The 280 mm wedge length provides a large contact surface area on the conductor and distributes the clamping force without damaging the insulation. The clamp is supplied with a hot-dip galvanized steel wire rope with a length of 800 mm, which allows for a gentle bend of the conductor without breaking. Its design represents a state-of-the-art technical solution, making installation and removal easy, fast, reliable, and without the use of special tools.

Packaging: 20 pcs.
Weight: 36 kg/100 pcs.
Code No.: 3812116

ANCHORING CLAMP PA 1500 FOR ADSS CABLE L=800 mm

Code No.	Type	ADSS cable diameter mm	Packaging pcs	Weight kg/pcs
3812113	PA 1500	7-11	30	0,41
3812114	PA 1500	8-14	30	0,40
3812115	PA 1500	11-15	30	0,39

It is used for the anchoring of ADSS cables. The clamp body is made of high mechanical strength aluminum alloy, with self-tensioning insulating wedges made of polyamide. The 210 mm wedge length provides a large contact surface area on the conductor and distributes the clamping force without damaging the insulation. The clamp is supplied with a hot-dip galvanized steel wire rope with a length of 800 mm, which allows for a gentle bend of the conductor without breaking. Its design represents a state-of-the-art technical solution, making installation and removal easy, fast, reliable, and without the use of special tools.

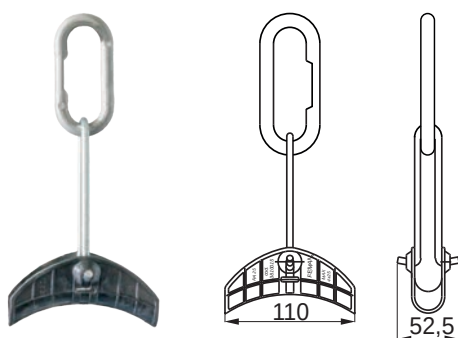
ANCHORING CLAMP PA 2000 FOR ADSS CABLE $\phi 14-19$ mm, L=800 mm

It is used for the anchoring of ADSS cables with a diameter of 14 to 19 mm. The clamp body is made of high mechanical strength aluminum alloy, with self-tensioning insulating wedges made of polyamide. The 230 mm wedge length provides a large contact surface area on the conductor and distributes the clamping force without damaging the insulation. The clamp is supplied with a hot-dip galvanized steel wire rope with a length of 800 mm, which allows for a gentle bend of the conductor without breaking. Its design represents a state-of-the-art technical solution, making installation and removal easy, fast, reliable, and without the use of special tools.

Packaging: 20 pcs.

Weight: 66.5 kg/100 pcs.

Code No.: 3812119

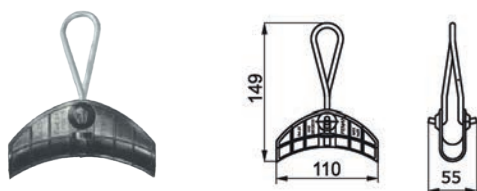
ANGULAR CLAMP FOR ADSS RA 319 A (300 daN)

It is used for the suspension of ADSS cables for pole spans up to 60 m. It consists of a clamp body and a suspension stirrup. The clamp body is made of high mechanical strength polyamide. For securing the ADSS to the clamp, we recommend FEMAN cable tie 200x13 mm (Code No.: 1710213).

Packaging: 50 pcs.

Weight: 0.08 kg/pc.

Code No.: 3800019

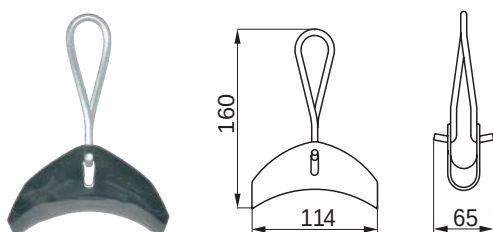
ANGULAR CLAMP FOR ADSS RA 319 A (300 daN)

It is used for the suspension of ADSS cables from 3 mm to 19 mm for pole spans up to 60 m. It consists of a clamp body and a suspension stirrup. The clamp body is made of high mechanical strength polyamide. For securing the ADSS to the clamp, we recommend FEMAN cable tie 200x13 mm (Code No.: 1710213).

Packaging: 50 pcs.

Weight: 0.066 kg/pc.

Code No.: 3800015

SUSPENSION CLAMP FOR ADSS RA 319 A (500 daN)

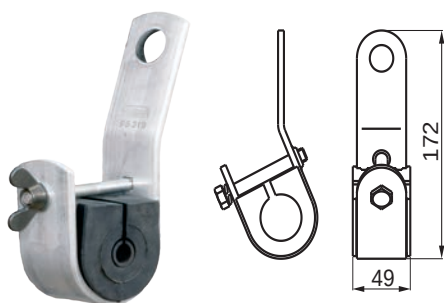
It is used for the suspension of ADSS cables from 3 mm to 19 mm for pole spans up to 100 m. It consists of a clamp body and a suspension stirrup. The clamp body is made of aluminum sheet.

Packaging: 50 pcs.

Weight: 0.09 kg/pc.

Code No.: 3800018

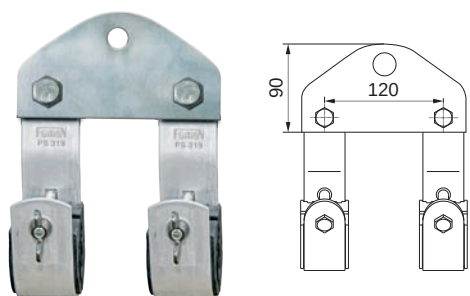
SUSPENSION CLAMP FOR ADSS PS 38, PS 819



It is used for the suspension of ADSS cables for pole spans up to 100 m. The clamp bracket is made of high mechanical strength aluminum alloy profile, containing a rubber insert resistant to UV radiation and all weather conditions. The maximum allowed line deviation angle is up to 30°. If the cable deviation angle is greater than the maximum allowed, two anchoring clamps must be used. It is mounted on the pole using a link with a slot which prevents the cable from falling off the pole, or directly onto an M14 or M16 pigtail bolt.

Code No.	Type	Conductor diameter mm	Packaging pcs	Weight kg/pc
3810308	PS 38	3-8	50	0,30
3810319	PS 819	8-19	50	0,28

SUSPENSION CLAMP FOR ADSS PS 38 D, PS 819 D



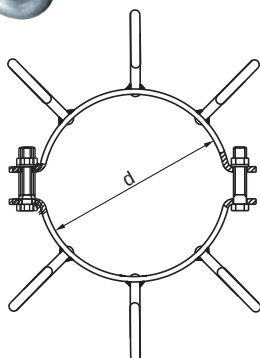
It is used for the suspension of ADSS cables for pole spans over 100 m. The maximum allowed line deviation angle is up to 20°. If the cable deviation angle is greater than the maximum allowed, two anchoring clamps must be used. It is mounted on the pole using a general purpose bracket or directly onto an M16 pigtail bolt.

Code No.	Type	Conductor diameter mm	Packaging pcs	Weight kg/pc
3810408	PS 38D	3-8	50	0,90
3810419	PS 819 D	8-19	50	0,88

STEEL POLE CLAMP FOR ADSS CABLES WITH 6 HOOKS

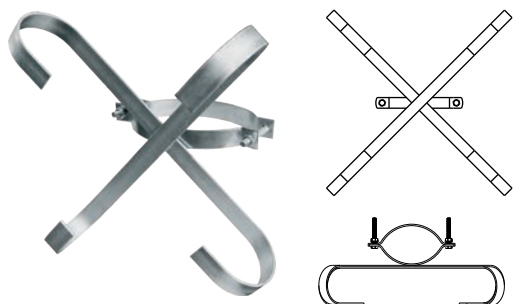


Pole clamps are used to support suspension and anchoring clamps for ADSS cables. They are made of 5 mm thick and 40 mm wide steel sheet, onto which 6 hooks of 12 mm diameter with a minimum hook opening of 14 mm are welded. The pole clamp is secured to the pole using two M12 bolts. They are finished with galvanic zinc plating as standard, and hot-dip galvanizing is available upon customer request.



Code No.	d mm	Packaging pcs	Weight kg/pc
3101911	80-110	5	1,40
3101919	120-170	5	1,70
3101921	170-210	5	1,90
3101920	200-250	5	2,90

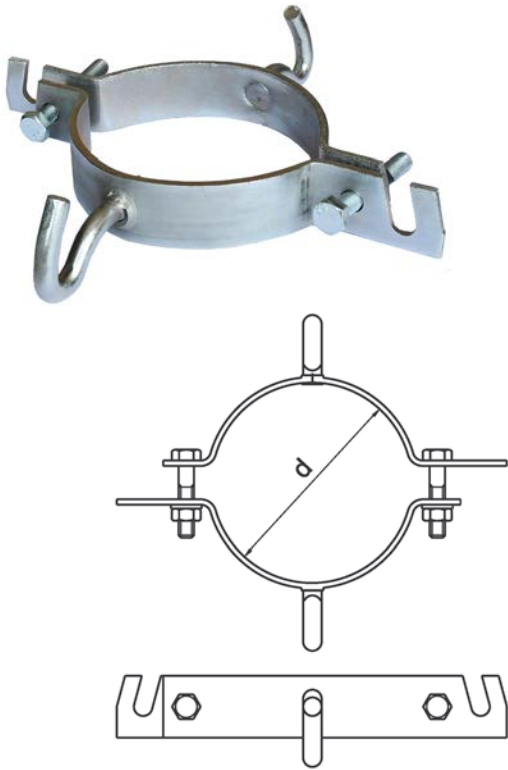
CABLE STORAGE BRACKET FOR POLE NRK



It is used to ensure safe storage of excess ADSS cable on the pole. The bracket can be mounted on a concrete or wooden pole with a diameter of 120 to 170 mm. The useful capacity for the cable bundle has an area of about 10 cm². The cable bundle rests on four supports, which ensure secure fixing of the ADSS storage.

Code No.	Type	Cable storage diameter mm	Pole diameter mm	Weight kg/pc
3100174	NRK-400/170	400	120-170	2,20
3100176	NRK-600/170	600	120-170	3,00

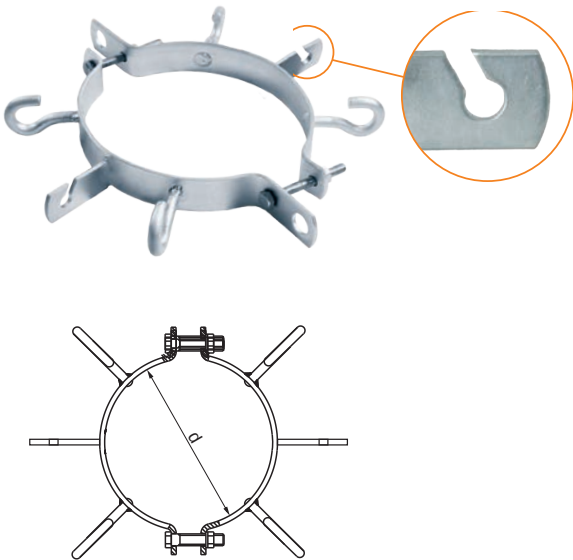
STEEL POLE CLAMP FOR ADSS CABLES WITH 2 HOOKS AND 2 SLOTS



Pole clamps are used to support suspension and anchoring clamps for ADSS cables. They are made of 5 mm thick and 40 mm wide steel sheet, onto which 2 hooks of 12 mm diameter are welded. The pole clamp is secured to the pole using two M12 bolts. They are finished with galvanic zinc plating as standard, and hot-dip galvanizing is available upon customer request.

Code No.	Type	d mm	Packaging pcs	Weight kg/pc
3811910	PSK 26/110	80-110	5	1,40
3811917	PSK 26/170	120-170	5	1,70
3811922	PSK 26/210	170-210	5	1,90
3811925	PSK 26/250	200-250	5	2,90
3811927	PSK 26/270	220-270	5	3,10
3811930	PSK 26/300	250-300	5	3,30

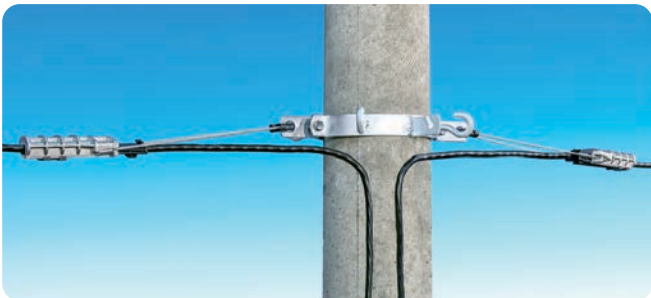
STEEL POLE CLAMP FOR ADSS CABLES WITH 4 HOOKS, 2 NOTCHES AND 2 HOLES



Pole clamps are used to support suspension and anchoring clamps for ADSS cables. They are made of 4 mm thick and 40 mm wide steel profiles with two holes, which are used for the tension clamping of ADSS cables.

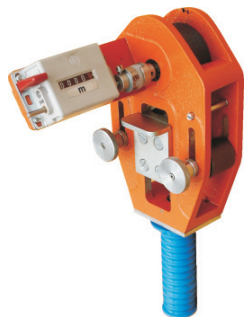
Four hooks with a 12 mm diameter are also welded onto the pole clamps, serving to support drop ADSS cables. Two notches with a special widening are used for the suspension support of the cable, preventing it from falling off the pole. They are finished with galvanic zinc plating as standard, and hot-dip galvanizing is available upon customer request.

Code No.	d mm	Packaging pcs	Weight kg/pc
3895130	120-150	5	1,60
3895170	150-170	5	1,80
3895210	170-210	5	2,10
3897290	210-290	5	2,30



CABLE MEASURING AND REWINDING EQUIPMENT



FRM 3-25 HANDHELD CABLE LENGTH METER

Measuring range of this device is $\varnothing$ 3–25 mm. The mechanical counter displays length in meters and can be reset to zero by pressing the lever.

Dimensions: 292x121x188 mm

Weight: 2,8 kg

Code No.: 4600010

FUP-12P CABLE REWINDING AND MEASURING DEVICE

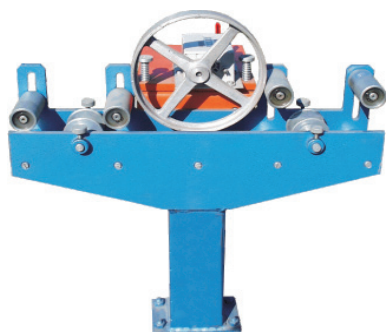
Designed for rewinding and measuring cables and similar rolled products in retail stores and warehouses. Suitable for cable diameters from 3 to 25 mm. Available with or without support legs.

Dimensions: 1435x1760x834 mm

Weight: 50 kg

Code No.: 4600020 (With legs / standard version)

Code No.: 4600010 (Without legs)

FSM 10-45 M STATIONARY LENGTH METER

Used as a stationary length measuring device. Measuring range is $\varnothing$ 10–45 mm. This meter can be retrofitted with FM-40 type cable cutting shears.

Dimensions: 445x480x130 mm

Weight: 22 kg

Code No.: 4600030

FKP-1250 MANUAL CABLE DRUM TRANSPORT TROLLEY

Manual cable drum trolley is designed for the transport and unreeling (pay-off) of cable drums. It is suitable for drum diameters from 600 mm to 1250 mm. The maximum load capacity is 1,400 kg.

Dimensions: 1080x1200x1800 mm

Weight: 80 kg

Code No.: 4600040

FPO-1000 FLOOR-MOUNTED CABLE UNREELING DEVICE

Used for unreeling (paying off) cables and other coiled products with a maximum drum diameter of 1000 mm.

Code No.: 4600050

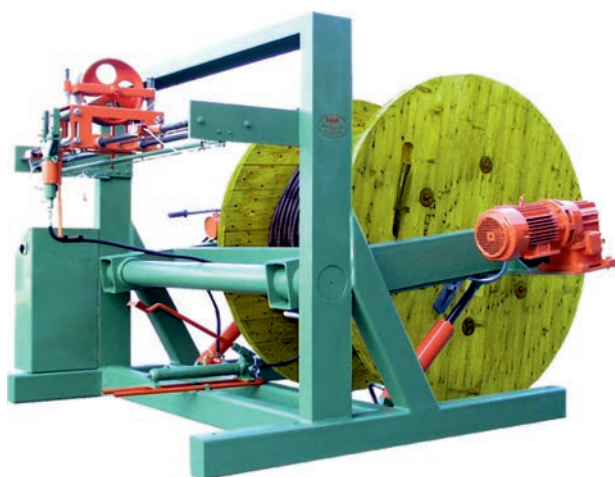
FSO-2600 CABLE UNREELING DEVICE

Used for unreeling (paying off) cables and other coiled products from drums with diameters ranging from 1200 to 2500 mm. Load capacity ranges from 4 to 10 tonnes (must be specified upon ordering). Drum lifting is operated via manual hydraulics. Available with or without a braking system.

Dimensions: 1025x1700x500 mm

Weight: 250 kg

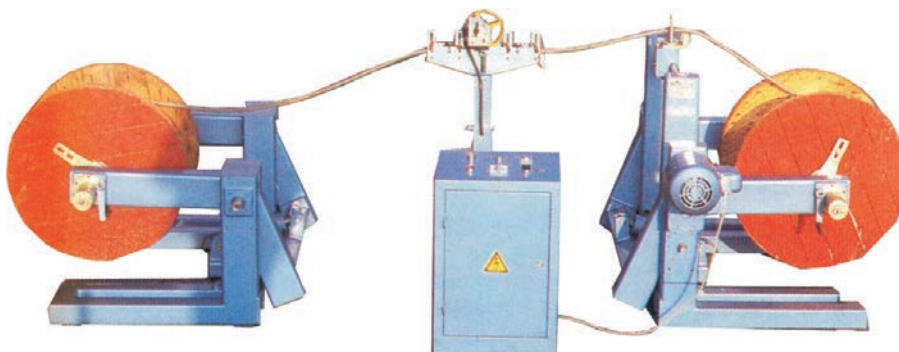
Code No.: 4600060

FNM 1800 CABLE WINDING MACHINE

Designed for winding, measuring, and cutting cables and other coiled products onto drums with a diameter of up to 1800 mm.

It is equipped with an electric motor and a reduction gearbox to drive the drum during winding. Drum lifting, lowering, and cable cutting are operated manually via hydraulics. Length measurement is executed via an integrated FSM 20-100 measuring device, while cutting is carried out using integrated hydraulic shears type FCPC-87a. Drum rotation speed during winding is 48 rpm.

Code No.: 4600070

FLP 1000 - 250 CABLE REWINDING, MEASURING, AND CUTTING LINE

Used in the cable industry, rope industry, and for similar products to rewind materials from drum to drum to desired lengths, complete with cutting capability. This line is also highly suitable for commercial sales warehouses and distribution yards. The line consists of the following component units:

UNREELING DEVICE (PAY-OFF UNIT) for K600–1000 mm DRUMS, TYPE-F

Loading of the drum onto the device is performed manually, while lifting is operated via manual hydraulics. Adjustable drum braking during pay-off is achieved using a pneumatic brake. Braking torque regulation and selection are controlled via air pressure adjustment on the control panel, while braking regulation is mechanical on the disc brake.

MEASURING AND CUTTING UNIT

The desired target value is entered into the length counter, which sends an electrical signal to halt the line once the preset length is reached. To restart the line, the counter must be reset if measuring the same length again; if a different length is required, the counter must be reprogrammed.

WINDING DEVICE (TAKE-UP UNIT) for K600–1000 mm DRUMS

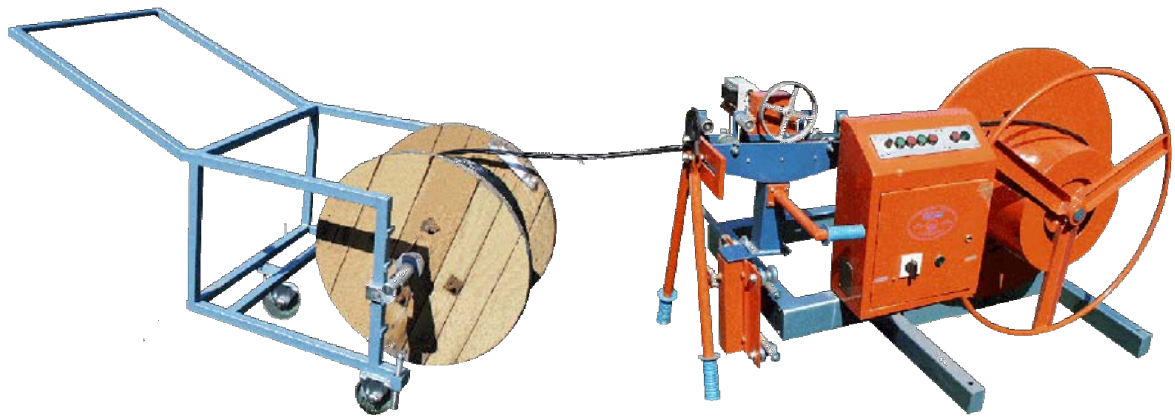
Structurally designed identically to the unreeling device regarding drum clamping and lifting. The unit drive is powered by an asynchronous electric motor equipped with a frequency inverter for variable speed control. Braking is performed electronically via the electric motor (frequency inverter function). Speed reduction from the electric motor to the drum drive mechanism is executed using timing belt drives.

CONTROL PANEL

Houses the electrical and pneumatic equipment, with all system controls located directly on the panel console.

Code No.: 4600090

KDBMS 600-1200 CABLE REWINDING LINE



The new design of the KDBMS 600/1200 line was developed at the request of numerous cable distributors and is adapted for cost-effective cable rewinding, measuring, and cutting.

COMPONENT UNITS

MOBILE TROLLEY

Mobile trolley for drum lifting, transport to the winding unit, and unreeling (pay-off), suitable for all drum types from Ø 600 to 1200 mm. Constructed from a robust steel frame. Equipped with two fixed steel wheels and one swivel wheel for easy maneuvering. In addition to the wheels, two leveling spindles are fitted to secure the trolley during cable pay-off. The front of the trolley features adjustable drum axle supports that adapt to the drum size. A simple manual pull-brake is installed on the side to stop drum rotation upon completion of rewinding. Also suitable for field application in cable unwinding and laying. The trolley is double-coated with an anti-corrosive primer and finished with orange lacquer.

WINDING UNIT

The unit chassis is constructed from a robust steel frame equipped with an adjustable expanding mandrel/spool for coiling cables into bundles.

Inner coil diameter: 500 mm

Maximum outer coil diameter: 1000 mm

Coil width: 300 mm

Code No.: 4600100

After coiling the required length, the cable is bound in three places, then released using the adjustable expander core, allowing the bound coil to be easily removed.

The unit is engineered with a sturdy steel shaft supported by double bearings, upon which the cable coiling spool is mounted. The winding drive is powered by an integrated electric motor with a reduction gearbox and a control cabinet. The cabinet houses a frequency inverter for electronic speed regulation according to cable thickness (higher speed for thinner cables, lower speed for thicker cables). Speed adjustment is controlled via a potentiometer. The unit features an integrated automatic electric brake that instantly halts rotation once the target length is reached. It supports both left and right (clockwise and counterclockwise) rotation.

LENGTH METER

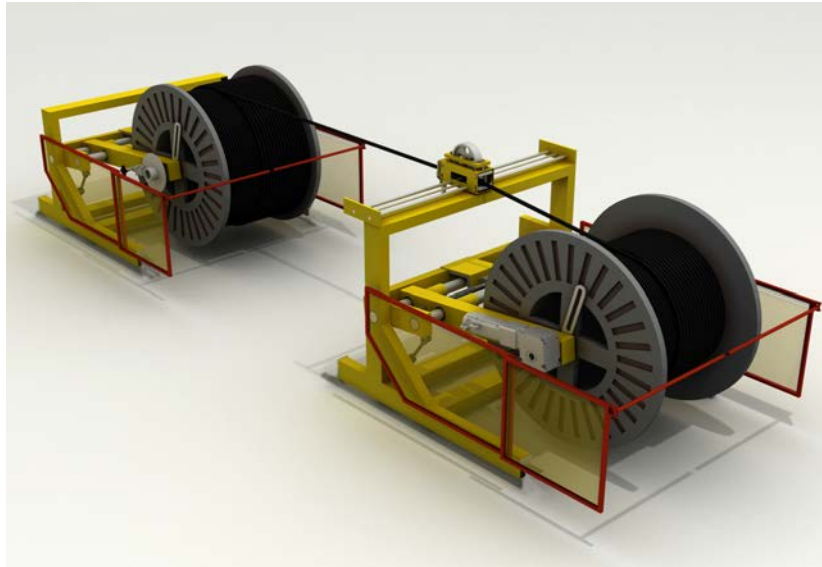
Features an integrated digital/electronic automatic counter. The main advantage of the automatic counter is that the desired cable length can be preset, and once reached, the counter automatically stops the winding process.

This automatic shutdown eliminates human error. The meter is equipped with cable input and output guides. Integrated manual shears allow for one-handed cable cutting.

LINE INSTALLATION & SETUP

The line is easy to install and requires a compact footprint in the workshop or warehouse of only 4000 × 1500 mm. The winding unit is anchored using four Ø 30 mm steel anchor bolts, while the trolley requires only two M-30 anchor bolts for securing.





The cable rewinding line consists of:

- FMO 600-2200 Unwinding Machine (Pay-off)
- FMN 600-2200 Winding Machine (Take-up)
- URM 10-100 Cable Measuring and Traversing (Layering) Device

The URM 10-100 cable measuring and traversing device enables cable measuring within a tolerance/diameter range of $\varnothing$ 10 mm – 100 mm with a measuring accuracy of $\pm 0.5\%$.

The meter is equipped with keypads/pushbuttons for programming the desired length, as well as an electrical contact for switching off and stopping the line once the preset rewinding length is completed.

The machine is designed for continuous operation of 10 hours per day.

Dimensions & Space Requirements:

- Total line length (without drums): 12,100 mm
- Width: 2,450 mm
- Height (without spool/drum): 2,140 mm

Total required installation footprint:

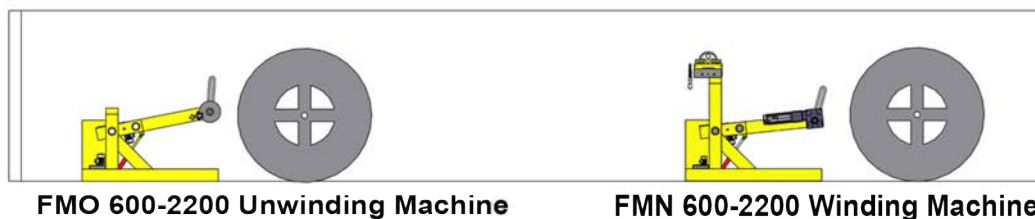
Length: 17,000 mm

Width: 4,500 mm

Total Installed Power: 4.5 kW

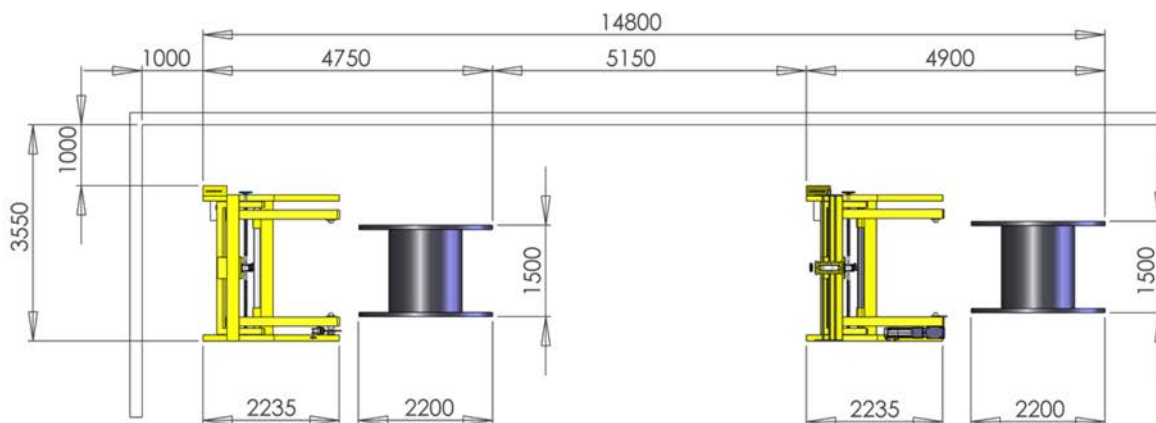
Operating Voltage: 380 V

Code No.: 4600110

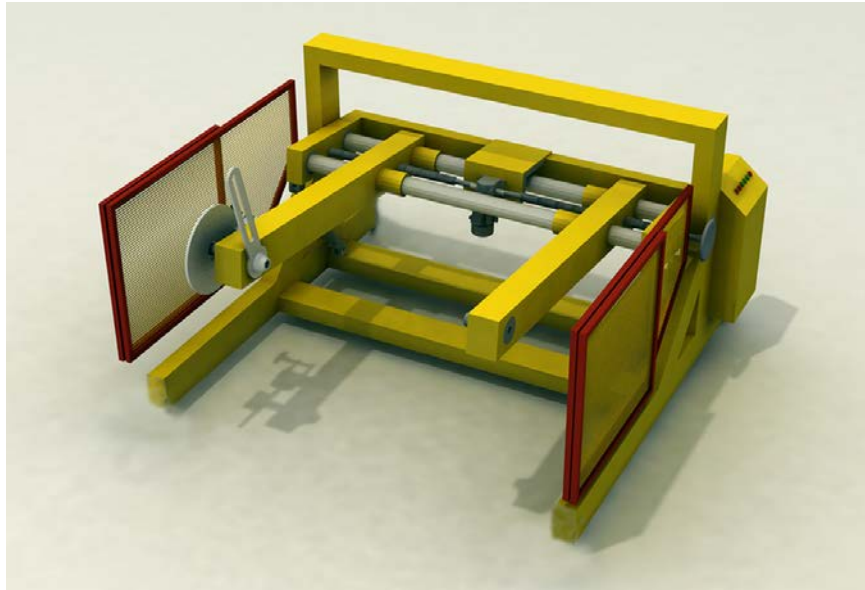


FMO 600-2200 Unwinding Machine

FMN 600-2200 Winding Machine



FMO 600–2200 CABLE UNWINDING MACHINE (PAY-OFF)



Designed for unwinding cables from spools/drums with diameters ranging from $\varnothing$ 600 to $\varnothing$ 2200 mm, maximum spool width up to 1500 mm, and maximum spool weight (including cable) of 4000 kg.

The machine is engineered with pintles for shaftless clamping and holding of spools (80, 100, and 110 mm), which are mounted on two parallel moveable spool-support arms.

Lifting and lowering of the drum are operated via an electro-hydraulic system controlled by pushbuttons.

The unwinding machine is equipped with a disc brake to retard/brake the drum during pay-off, featuring an integrated mechanism for braking force regulation. Spool holder width adjustment is performed via a two-way lead screw ranging from 350 to 1500 mm.

The unit includes a built-in control cabinet equipped with an Emergency Stop button (compliant with EN standards), as well as pushbuttons for electro-hydraulic lifting of the spool support arms. The machine is fitted with folding steel protective guards designed to ensure full operator protection against injury during operation.

Dimensions of the FMO – 600/2200 Type Unwinding Machine:

Width: 2,400 mm

Length: 2,235 mm (without drum)

Height: 1,200 mm (without drum)

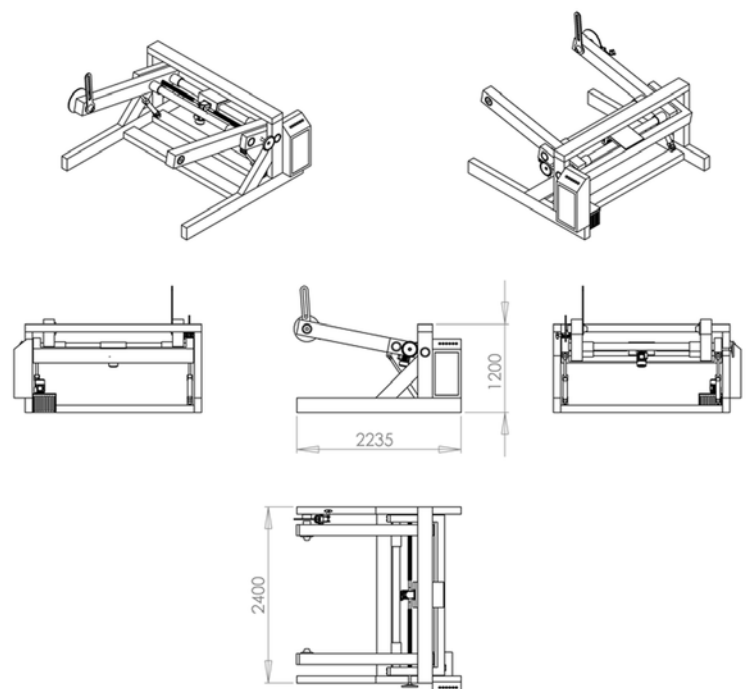
Finish: The standard machine color is orange, but it can be custom painted in any color upon the customer's request.

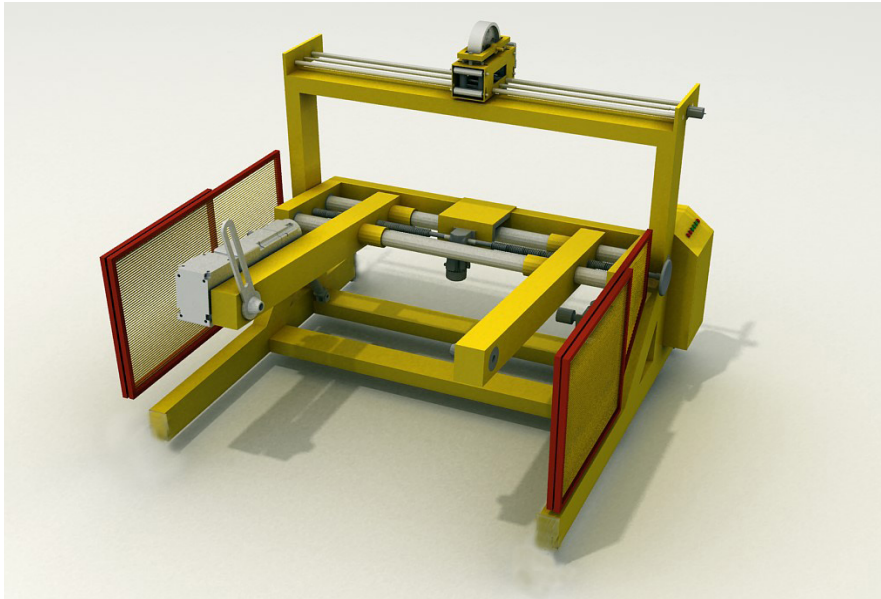
The spool is positioned between moveable spool holders that adjust according to the spool width, ranging from min. 350 mm to max. 1500 mm. Positioning the spool onto the moveable holders is performed via tapered roller pintles/mandrels and corresponding adapters designed to secure the spool through its central bore.

The distance between the spool holders must be adjusted to the width of the corresponding spool and raised to the appropriate height using pushbuttons. Once the machine is adjusted (configured for the specific spool), the spool is loaded between the holders.

Once the spool is positioned on the machine, the pintles are inserted into the central bore of the spools up to the stop limit, ensuring that the driving/pulling arm engages into the corresponding aperture on the spool to prevent slipping.

After mounting the cable spool onto the machine, the spool is lifted (using the pushbuttons) so that its outer rim is elevated 50 mm – 100 mm above the floor. Once the mounted spool is elevated, the pay-off tension force is adjusted via the braking unit (disc brake) to retard the spool during the unwinding phase. Configured in this manner with the spool lifted, the machine is ready for the unwinding operation.





The machine features a stable steel structure protected against corrosion with two coats of anti-corrosive primer, finished in orange lacquer (custom colors available upon customer request). It is designed for winding cables onto spools/drums with diameters ranging from Ø 600 mm to Ø 2200 mm, accommodating a maximum spool width up to 1500 mm and a maximum loaded spool weight (with cable) of up to 4000 kg.

The unit is engineered with cylindrical-tapered pintles/mandrels (Ø 80/100/120 mm) for shaftless clamping and support of the spool. These pintles are positioned at the tips of two parallel moveable spool-support arms.

Lifting Mechanism: Drum lifting and lowering are driven by an electric motor-powered hydraulic pump operating two hydraulic cylinders. The hydraulic pump motor is controlled via dedicated pushbuttons on the control panel.

Control & Safety: Includes a built-in electrical control cabinet topped with an integrated operator control console. Equipped with folding steel protective guards designed to ensure full operator safety during operation.

Width Regulation: Spool holder width adjustment is performed via a two-way lead screw for spool widths ranging from 350 to 1500 mm.

Drive & Speed Regulation: Features an electric motor with a reduction gearbox mounted at the top of the drum support frame to drive spool rotation during winding. The 4 kW electric motor utilizes an electronic speed controller (frequency inverter) to adjust rewinding speed—from 0.5 m/s at the largest diameter of the maximum drum to ≥ 1 m/s at the smallest diameter of the minimum drum.

Pulling Force: Cable pulling force during winding is > 4 kN.

Layering & Measuring Unit: The upper section of the steel support frame houses a traversing (layering) mechanism equipped with an adjustable length meter and adjustable roller guides for cable entry and exit.

Cutting Shears: Integrated hydraulic shears are positioned at the outlet of the layering unit, driven by an electric motor-powered hydraulic pump.

Cutting Capabilities & Features:

The integrated shears are capable of cutting aluminum (Al), copper (Cu), and fiber optic cables with an outer diameter ranging from Ø 10 mm to 100 mm.

The machine features pitch/step setting display capabilities.

Dimensions of the FMN 600–2200 Winding Machine:

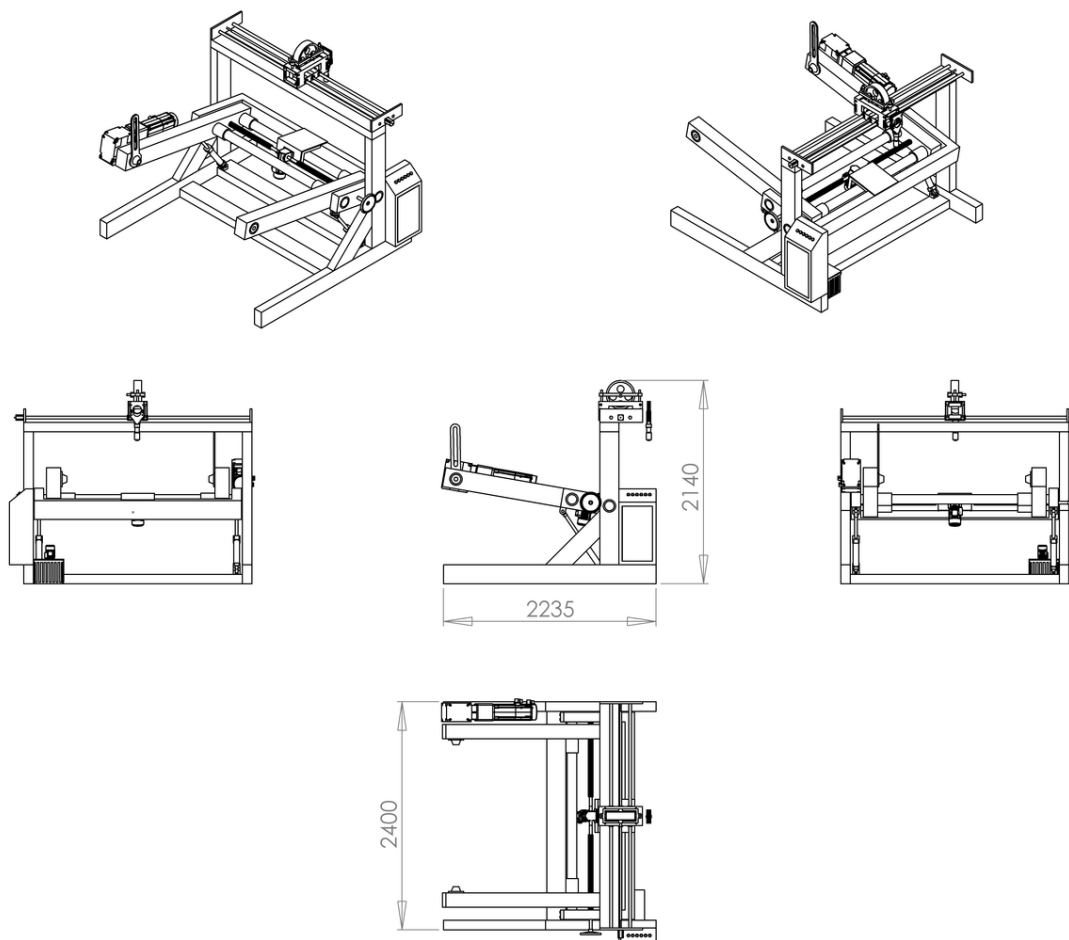
Machine Width: 2,400 mm

Machine Length (without spool): 2,235 mm

Machine Height (without spool): 2,140 mm

Finish: The machine is painted in orange as standard, but custom colors are available upon the customer's request.

FMN 600–2200 CABLE COILING AND MEASURING MACHINE (TAKE-UP)



UMR 10–100 CABLE TRAVERSING (LAYERING) AND MEASURING DEVICE

The housing is constructed from a suitable steel frame mounted on two cross-support/guide rods located at the top of the winding machine posts. The traversing (layering) and winding device is engineered to move transversely relative to the machine, effectively layering the cable onto the spool.

Guide Roller Assembly: The measuring device features four vertically and horizontally adjustable rollers on the inlet side and four rollers on the outlet side, serving to guide the cable. Roller gap/spacing is adjusted according to the diameter of the cable to be rewound.

Measuring & Preset Counter: Features a length counter with a measuring range from 0.0 to 999.9 meters and a measuring accuracy of $< \pm 0.5\%$. The counter allows programming/setting the desired rewinding length via integrated pushbuttons. It includes an integrated electrical contact that automatically shuts down the winding machine once the target length is reached.

Traversing (Layering) Mechanism: Designed with adjustable cable layering pitch/step settings ranging from 10 to 100 on the spool, driven by a stepper motor and corresponding electronic control. The active layering pitch is displayed on a clearly visible mounted digital display.



Feman Production Facilities

Modern equipment, professional staff, and the high quality standards we uphold ensure that our customers always receive the highest quality products.





FemaN Production Facilities

FemaN stands as the premier producer of electrical goods, offering an extensive selection that includes cable connection accessories, meter distribution cabinets made of polyester, diverse lighting solutions, such as street and industrial LED, sodium and metal halide options, alongside solar collectors, heat pumps, installation tools, and related equipment.

Guided by the vision and hard work of its founder, owner, and director, engineer Miodrag Nikolić, the company has grown into a successful mid-sized enterprise boasting a workforce of more than 270 people and an inventory exceeding 2400 products. Operating within a 15,000 square meter complex, the manufacturing process utilizes state-of-the-art facilities that encompass everything from design, foundries, forges, and stamping to plastic injection, polyester pressing, machining, galvanization, tooling, and final assembly.

Guided by the corporate philosophy of "Quality above all," FemaN's excellence is reflected in numerous domestic and international fair awards. A multidisciplinary team of experienced professionals oversees the ongoing innovation and refinement of products, all of which strictly adhere to international and regional benchmarks like SRPS, IEC, EN, and NFC. Furthermore, the organization has maintained ISO 9001 certification since 1996, alongside compliance with ISO 45001, ISO 18001, and ISO 27001 standards.

To guarantee that consumers receive dependable, easy-to-install, and top-tier goods, every item is subjected to rigorous testing and certification protocols, with routine batch evaluations conducted in-house. Because this unwavering commitment to excellence defines the brand, FemaN has successfully expanded its market presence globally, reaching clients across all continents.

Experience our motto firsthand: Quality above all.

