

# Feman

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CABLE ACCESSORIES FOR  
UNINSULATED ELECTRICAL  
NETWORKS

*Quality above all*



ON CUSTOMER'S REQUEST WE WILL DELIVER THE GENERAL CATALOGUE

more  
than 1500  
quality products



www.feman.ee



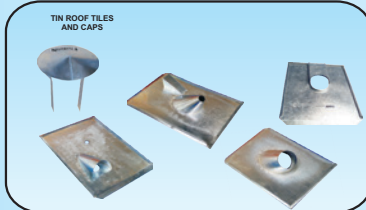
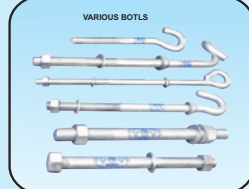
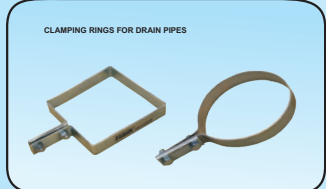
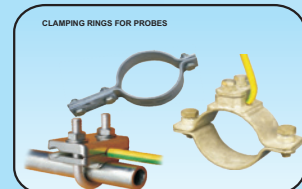
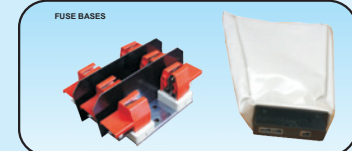
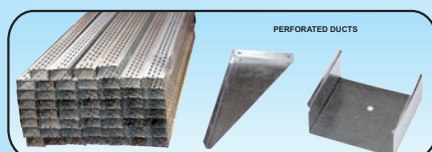
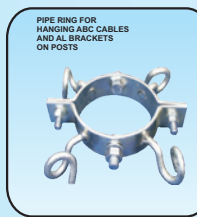
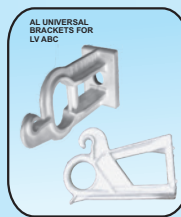
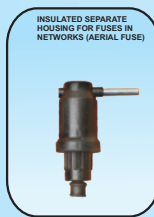
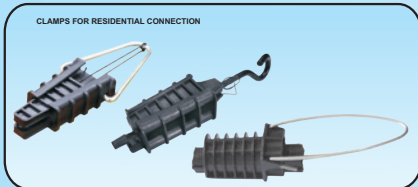
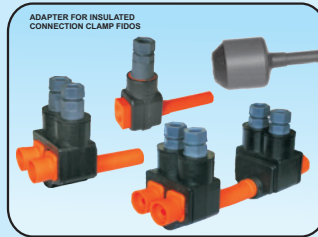
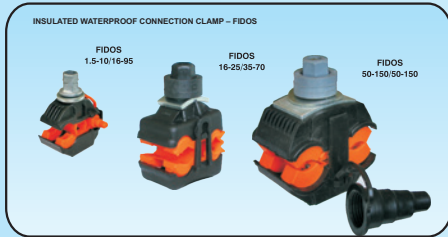
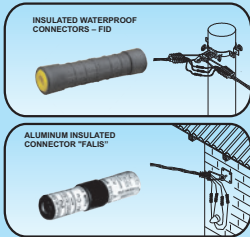
# INFORMATOR

about the rest of FEMAN's products



*Quality above all*

AT CUSTOMER DEMAND WE WILL DELIVER THE GENERAL CATALOGUE



General Use Bracket For Single Tension Holding Of Mv Abc



General Use Bracket For Support Holding Of Mv Abc



Reflector Stands



Street Light With Ballast For Pole Mounting



Mercury Street Light 125w



Fluo Street Light 2x11-18w



"EUROKRISTAL" LANTERN



Mobile Halogen Reflectors



Halogen Reflectors With Sensors



Mercury Light Straight



Mercury Light Angled



Og Light Angled



Fluorescent Lights In-line System



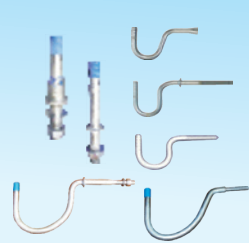
Cable Route Markers And Warning Signs



Self-adhesive Pvc Signs

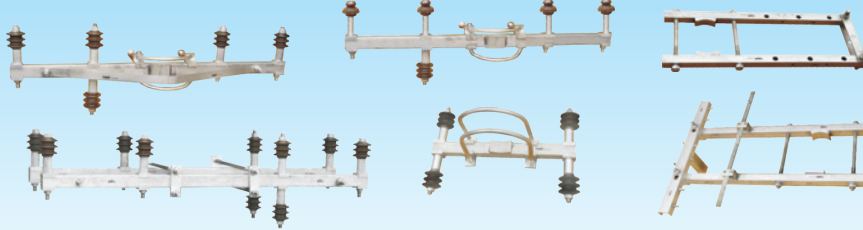


BENT SUPPORTS FOR LV AND HV INSULATORS



*Quality above all*

Aluminium Brackets



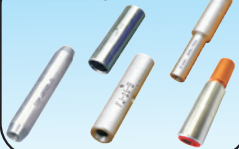
Non-insulated Clamps



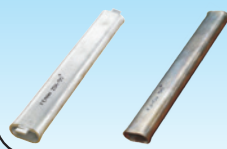
Non-insulated And Insulated Cable Lugs



Non-insulated Connectors And Reducing Connectors



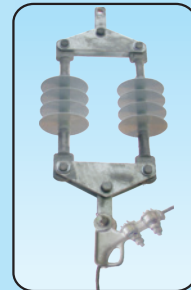
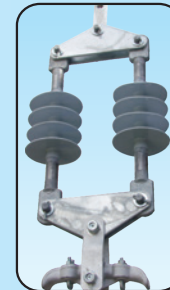
Threaded Connectors



Non-insulated And Insulated Terminals



SILICONE INSULATORS WITH CHAINS FOR 10, 25 AND 35 KV



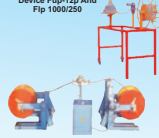
Blower Heater



Winding And Unwinding Machine



Measuring And Rewinding Device Fup-12p And Flp-1000/250



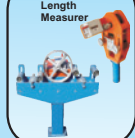
Cable Unwinding Devices Kdbms 600/1200



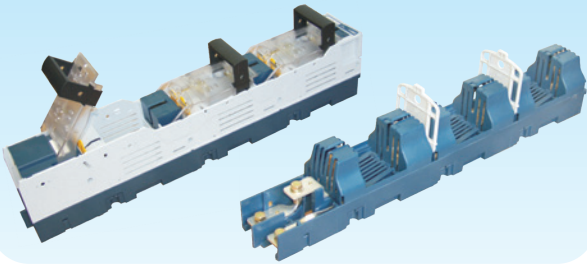
Device For Unwinding Cables Fso-2600



Stationary Length Measurer



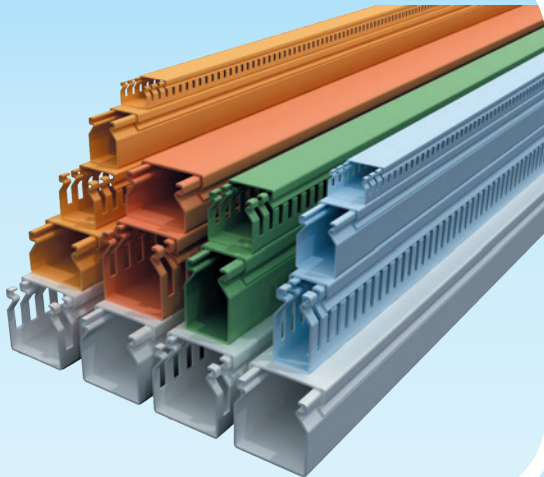
Fuse Switch Disconnecter – Vertical



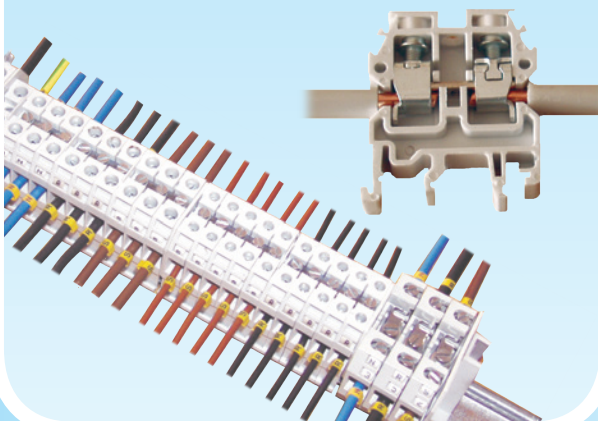
Electrical Distribution Boxes And Fuse Switch Disconnectors



### PVC CABLE RACEWAYS



### VS CLAMP



Combined Hydraulic Pump



Manual Mechanical Crimpers Fp-50 And Fp-120



Hydraulic Crimper Fps-200



Hydraulic Crimper Fco-630



Automatic Grippers



Hydraulic Head Fhp-300



Hydraulic Drill Fpb-20



Manual Scissors For Cutting Iron And Cables



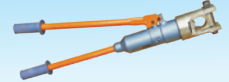
Hydraulic Scissors Fcpc-87a



Hydraulic Head Fs-240



Manual Hydraulic Crimper Ftp-300



Universal rollers For laying cables



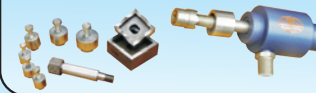
Pulley For Installing Lv And Mv Abc On Posts



Manual Hydraulic Crimper Fp-185



Tools For Sheet Metal Punching Fap-10



Manual Hydraulic Crimper Frp-300



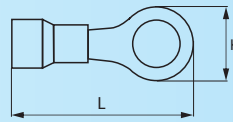
### FEMAN'S ACCU HYDRAULIC TOOLS



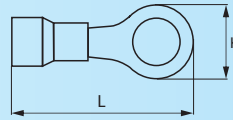
## RING TONGUE INSULATED CABLE TERMINALS - DIN 46237

FemaN

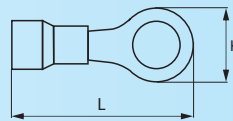
Code number	Designation mm <sup>2</sup> /Screw M	L mm	K mm	Package pcs	Weight g/100 pcs
1000153	FOP-1,5/3	11,3	5,5	100/2000	52
1000154	FOP-1,5/4	20,5	8,0	100/2000	74
1000155	FOP-1,5/5	20,5	8,0	100/2000	66
1000156	FOP-1,5/6	26,3	11,6	100/1500	102
1000158	FOP-1,5/8	26,3	11,8	100/1500	86



Code number	Designation mm <sup>2</sup> /Screw M	L mm	K mm	Package 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	100/1000	98
1000259	FOP-2,5/10	31,0	13,6	100/1000	108



Code number	Designation mm <sup>2</sup> /Screw M	L mm	K mm	Package 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

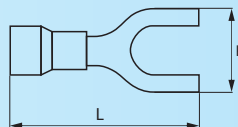


Used for terminating and connecting small diameter conductors in electrical unit circuits

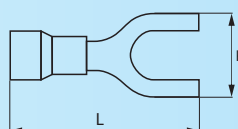
## SPADE TONGUE INSULATED CABLE TERMINALS - DIN 46234

FemaN

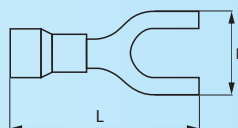
Code number	Designation mm <sup>2</sup> /Screw M	L mm	K mm	Package pcs	Weight g/100 pcs
1200153	FVP-1,5/3	20,0	6,2	100/2000	62
1200154	FVP-1,5/4	20,0	7,0	100/2000	62
1200155	FVP-1,5/5	21,0	8,0	100/2000	65
1200156	FVP-1,5/6	22,6	10,0	100/1500	77



Code number	Designation mm <sup>2</sup> /Screw M	L mm	K mm	Package 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 number	Designation mm <sup>2</sup> /Screw M	L mm	K mm	Package 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



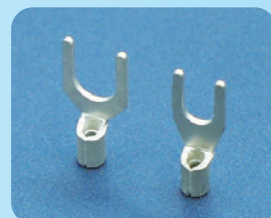
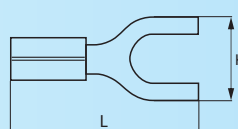
Used for terminating and connecting small diameter conductors in electrical circuits, contacts, relays, etc.

## SPADE TONGUE NON-INSULATED CABLE TERMINALS - DIN 46234

FemaN

Code number	Designation mm <sup>2</sup> /Screw M	L mm	K mm	Package 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

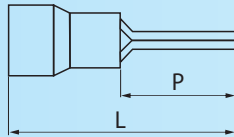
Code number	Designation mm <sup>2</sup> /Screw M	L mm	K mm	Package pcs	Weight g/100 pcs
1201254	FVP-2,5/4/N	16,0	8,0	100/3000	57
1201255	FVP-2,5/5/N	16,0	8,0	100/3000	58



Used for terminating and connecting small diameter conductors in electrical circuits, contacts, relays, etc.

## PIN TYPE INSULATED CABLE TERMINALS - DIN 46234

FemaN

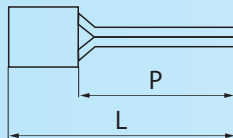


Code number	Designation mm <sup>2</sup> /Screw M	L mm	K mm	Package pcs	Weight g/100 pcs
1110116	FIP-1,5	21,5	12,0	100/1000	73
1110115	FIP-2,5	21,5	12,0	100/1000	85
1110146	FIP-6	27,5	13,3	100/500	174

Used for terminating and connecting multi-wire conductors in the electrical circuits of electrical cabinets and devices.

## PIN TYPE NON-INSULATED CABLE TERMINALS - DIN 46234

FemaN

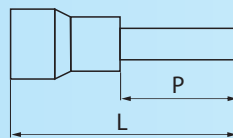


Code number	Designation mm <sup>2</sup> /Screw M	L mm	K mm	Package pcs	Weight g/100 pcs
1110015	FIP-1,5	17,5	12,0	100/1000	57
1110046	FIP-4,6	21,0	14,5	100/600	144

Used for terminating and connecting multi-wire conductors in the electrical circuits of electrical cabinets and devices.

## INSULATED PIG TAIL TERMINALS FOR MULTI-WIRE CONDUCTORS - DIN 46228

FemaN



Code number	Designation mm <sup>2</sup> /Screw M	L mm	K mm	Package pcs	Weight g/100 pcs
1300508	FZH-0,5	14,0	8	500/7000	7,4
1300708	FZH-0,75	14,0	8	500/7000	9,0
1301008	FZH-1	14,0	8	500/6000	9,2
1301510	FZH-1,5	14,0	10	500/4000	13,2
1302510	FZH-2,5	16,0	10	500/3000	18,2
1304012	FZH-4	20,0	12	500/2000	32,0
1306012	FZH-6	20,0	12	500/1500	42,2
1310012	FZH-10	22,0	12	500/500	59,8

Used for terminating and connecting multi-wire conductors in the electrical circuits of electrical cabinets and devices.

## NON-INSULATED MULTI-WIRE TERMINALS - DIN 46228

FemaN

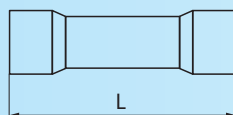


Code number	Designation mm <sup>2</sup> /Screw M	L mm	Package pcs	Weight g/100 pcs
1310708	FNH-0,75	8,0	1000/10000	45
1311008	FNH-1	8,0	1000/10000	65
1311508	FNH-1,5	8,0	1000/10000	78
1312510	FNH-2,5	10,0	1000/10000	103
1314010	FNH-4	10,0	1000/10000	164

Used for terminating and connecting multi-wire conductors in the electrical circuits of electrical cabinets and devices.

## INSULATED BUTT CONNECTORS FOR EXTENDING CABLES

FemaN

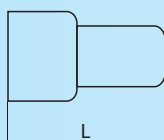


Code number	Designation mm <sup>2</sup> /Screw M	L mm	Package pcs	Weight g/100 pcs
1400105	FCG-1,5	25,0	100/1000	124
1400205	FCG-2,5	25,0	100/1000	160
1400406	FCG-4,6	27,0	100/500	251

Used for extending cables of the same diameter. Connection is made by crimping.

## INSULATED CRIMPED MULTI-WIRE CONNECTORS

FemaN



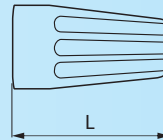
Code number	Designation mm <sup>2</sup> /Screw M	L mm	Package pcs	Weight g/100 pcs
1401015	FSKP 1,5-2,5	15,0	100/1000	60
1401046	FSKP 4-6	17,0	100/500	98

Used for connecting and branching of conductors in distribution boxes for electrical installation and in auto wiring. Wire connections made by crimping.

## INSULATED SCREW-ON WIRE CONNECTORS

FemaN

Code number	Designation mm <sup>2</sup> /Screw M	L mm	Package pcs	Weight g/100 pcs
1402125	FSKZ 1,5-2,5	21,5	50/250	150
1402406	FSKZ 4-6	24	50/250	176

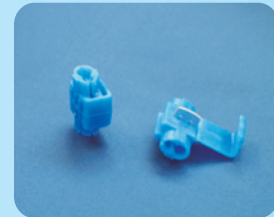
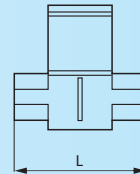


Used for connecting small diameter cables. Connection is made by screwing the connector over the wire.

## CONNECTOR FOR BRANCHING AND CONNECTING MULTI-WIRE CABLES

FemaN

Code number	Designation mm <sup>2</sup> /Screw M	L mm	Package pcs	Weight g/100 pcs
1400015	FKRS 1,5	19,5	50/200	175
1400025	FKRS 2,5	19,5	50/200	175

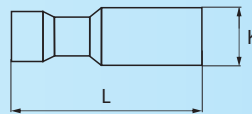


Used for connecting and branching of cables without cutting the main feed and without remove the insulation. By pressing over the cable with combination pliers.

## FULLY INSULATED MULTI-WIRE CONNECTOR - FEMALE

FemaN

Code number	Designation mm <sup>2</sup> /Screw M	L mm	K mm	Package pcs	Weight g/100 pcs
1400015	FKZ-1,5	24,0	7,7	100/500	106
1400025	FKZ-2,5	24,0	8,3	100/500	122

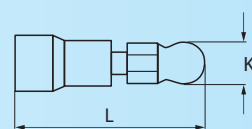


Used for connecting disconnected, small diameter, multiwire cables (mobile connection). Cable connection made by crimping.

## FULLY INSULATED MULTI-WIRE CONNECTOR - MALE

FemaN

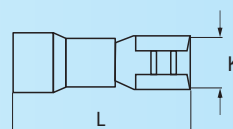
Code number	Designation mm <sup>2</sup> /Screw M	L mm	K mm	Package pcs	Weight g/100 pcs
1441015	FKM-1,5	21,5	4,0	100/1000	64
1441025	FKM-2,5	21,5	5,0	100/1000	81



Used for connecting disconnected, small diameter, multiwire cables (mobile connection). Cable connection made by crimping.

## FAST-ON INSULATED CABLE TERMINAL - FEMALE

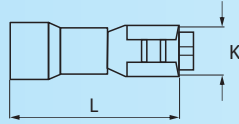
FemaN



Used for terminating and connecting small diameter cables in the electrical circuit of a device.

## FAST-ON INSULATED CABLE TERMINALS - FEMALE WITH MALE ADDITION

FemaN

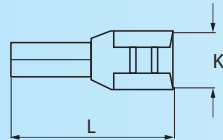


Code number	Designation mm <sup>2</sup>	L mm	K mm	Package pcs	Weight g/100 pcs
1630105	FFZ/M-1,5	21,5	6,3	100/1000	116
1630205	FFZ/M-2,5	21,5	6,3	100/1000	122

Used for terminating and connecting small diameter cables in electrical cabinets and devices by crimping.

## FAST-ON NON-INSULATED CABLE TERMINALS - FEMALE

FemaN

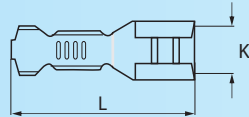


Code number	Designation mm <sup>2</sup>	L mm	K mm	Package pcs	Weight g/100 pcs
1620105	FFZ/N- 1,5	16,5	6,3	100/1000	72
1620205	FFZ/N- 2,5	16,5	6,3	100/1000	76
1620406	FFZ/N- 4-6	16,5	6,3	100/1000	88

Used for terminating and connecting small diameter cables in electrical cabinets and devices by crimping.

## FAST-ON NON-INSULATED CABLE TERMINALS - OPEN FEMALE

FemaN

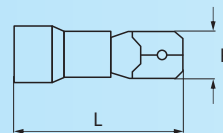


Code number	Designation mm <sup>2</sup>	L mm	K mm	Package pcs	Weight g/100 pcs
1610007	FFZ- 0,75	14,0	3,0	100/1000	50
1610105	FFZ- 1,5	19,0	6,3	100/1000	70
1610205	FFZ- 2,5	19,0	6,3	100/1000	80
1610406	FFZ- 4-6	26,0	10,0	100/500	90
1640205	FFZ- 2,5B	16,0	6,3	100/500	90

Used for terminating and connecting small diameter cables in electrical cabinets and devices by crimping.

## FAST-ON INSULATED CABLE TERMINALS - MALE (DIN 42245)

FemaN

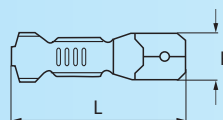


Code number	Designation mm <sup>2</sup>	L mm	K mm	Package pcs	Weight g/100 pcs
1410007	FFM-0,75	21,0	3,0	100/1000	43
1410105	FFM-1,5	21,0	6,3	100/1500	62
1410205	FFM-2,5	21,0	6,3	100/1500	68
1410406	FFM-6	23,0	6,3	100/1000	77

Used for terminating and connecting small diameter cables in electrical cabinets and devices by crimping.

## FAST-ON NON-INSULATED CABLE TERMINALS - MALE

FemaN



Code number	Designation mm <sup>2</sup>	L mm	K mm	Package pcs	Weight g/100 pcs
1640025	FFM-2,5	20,0	6,3	100/1000	88

Used for terminating and connecting small diameter cables in electrical cabinets and devices by crimping.

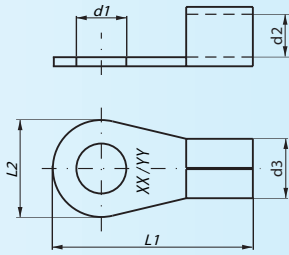
## INSULATED CABLE TERMINAL SETS

FemaN



Code number	Designation No. of cable terminals	Weight g/100 pcs
1501100	FY-100	120
1501130	FY-130	312

Sets are intended for service shops and households (designation indicates number of various cable terminals in the set).



Made in accordance with DIN 46234

Used for terminating copper cables and ropes in power cables and connecting them in the electrical circuit by using a bolt and nut.  
Connection with the cable is done by soldering or crimping.



The joint on the terminal is welded.  
The terminal surface is zinc coated.

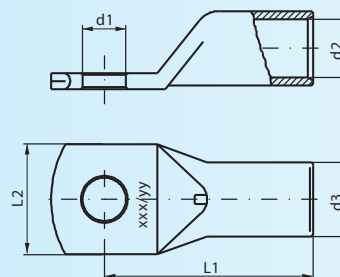
Code number	Designation mm <sup>2</sup> /Screw M	d1 mm	d2 mm	d3 mm	L1 mm	L2 mm	Package pcs	Weight g/100 pcs
500153	FPG-1,5/3	3,5	1,7	3,3	11,5	6,0	100	0,039
500154	FPG-1,5/4	4,5	1,7	3,3	15,5	8,0	100	0,058
500155	FPG-1,5/5	5,5	1,7	3,3	16,0	8,0	100	0,053
500253	FPG-2,5/3	3,5	2,3	4,0	16,5	8,0	100	0,072
500254	FPG-2,5/4	4,5	2,3	4,0	16,5	8,5	100	0,072
500255	FPG-2,5/5	5,5	2,3	4,0	17,5	9,5	100	0,075
500256	FPG-2,5/6	6,5	2,3	4,0	21,5	12,0	100	0,102
500258	FPG-2,5/8	8,4	2,3	4,0	21,5	12,0	100	0,100
500464	FPG-4,6/4	4,5	3,4	5,5	19,5	9,5	100	0,142
500465	FPG-4,6/5	5,5	3,4	5,5	19,5	9,5	100	0,139
500466	FPG-4,6/6	6,5	3,4	5,5	23,0	12,0	100	0,168
500468	FPG-4,6/8	8,4	3,4	5,5	27,0	15,0	100	0,175
500469	FPG-4,6/10	10,5	3,4	5,5	27,0	15,0	100	0,170
501006	FPG-10/6	6,2	4,5	6,8	27,0	14,0	300	0,285
501008	FPG-10/8	8,4	4,5	6,8	27,0	14,2	300	0,287
501010	FPG-10/10	10,5	4,5	6,8	27,3	14,2	300	0,260
501012	FPG-10/12	12,9	4,5	6,8	16,5	20,0	300	0,406
501606	FPG-16/6	6,5	5,2	7,3	29,0	14,2	300	0,337
501608	FPG-16/8	8,5	5,2	7,3	29,0	14,5	300	0,345
501610	FPG-16/10	10,5	5,2	7,3	29,0	14,5	300	0,293
501612	FPG-16/12	12,5	5,2	7,3	33,3	16,5	300	0,383
502506	FPG-25/6	6,5	6,9	9,8	33,2	16,2	200	0,735
502508	FPG-25/8	8,5	6,9	9,8	33,5	16,3	200	0,720
502510	FPG-25/10	10,5	6,9	9,8	33,5	16,3	200	0,676
502512	FPG-25/12	15	6,9	9,8	33,5	16,3	200	0,619
502516	FPG-25/16	16,9	6,9	9,8	52,0	30,0	200	0,393
503506	FPG-35/6	6,5	7,7	11,5	34,2	16,3	100	0,842
503508	FPG-35/8	8,4	7,7	11,5	34,2	16,3	100	0,850
503510	FPG-35/10	10,5	7,7	11,5	34,2	16,3	100	0,850
503512	FPG-35/12	12,5	7,7	11,5	34,2	16,3	100	0,720
505008	FPG-50/8	8,4	10,1	14,1	43,0	18,0	100	1,710
505010	FPG-50/10	10,5	10,1	14,1	43,0	18,2	100	1,715
505012	FPG-50/12	12,5	10,1	14,1	43,0	18,2	100	1,590
507010	FPG-70/10	10,5	12,0	16,0	49,0	22,2	100	2,314
507012	FPG-70/12	12,5	12,0	16,0	49,0	22,2	100	2,377
507016	FPG-70/16	16,5	12,0	16,0	49,0	22,5	100	2,100
509510	FPG-95/10	10,5	15,0	20,0	58,2	28,0	50	4,280
509512	FPG-95/12	12,5	15,0	20,0	58,2	28,0	50	4,200
509516	FPG-95/16	16,5	16,5	20,0	58,2	28,3	50	4,096
512010	FPG-120/10	10,5	16,5	18,0	62,0	28,3	50	6,066
512012	FPG-120/12	12,5	16,5	18,0	62,0	28,3	50	5,980
512016	FPG-120/16	16,5	19,4	18,0	62,2	28,3	50	5,874
515012	FPG-150/12	12,7	19,4	25,5	65,0	30,2	25	7,316
515016	FPG-150/16	16,5	19,4	25,5	65,0	30,2	25	7,000



Standard type  
 Material: Electrolytic copper DIN 40500  
 Surface: Zinc coated

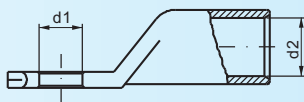
Used for terminating copper cables (VDE 0295) and ropes (DIN 48201) in power cables, and connection to the electrical circuit by means of a bolt and nut. Made with a control opening.

At the customer's request we also make special order terminals.

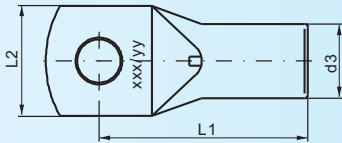


Code number	Designation mm <sup>2</sup> /Screw M	d1 mm	d2 mm	d3 mm	L1 mm	L2 mm	No. of crimps man./hydr.	Package pcs	Weight g/100 pcs
600605	FCPCu-6/5	5,2	3,5	6,5	21	11,5	2/-	200	0,50
600606	FCPCu-6/6	6,2	3,5	6,5	21	11,5	2/-	200	0,57
600608	FCPCu-6/8	8,2	3,5	6,5	23	14,0	2/-	200	0,66
600610	FCPCu-6/10	10,2	3,5	6,5	23	14,0	2/-	200	0,67
601006	FCPCu-10/6	6,2	4,5	7,0	22	9,4	2/-	200	0,57
601008	FCPCu-10/8	8,2	4,5	7,0	25	12,5	2/-	200	0,68
601010	FCPCu-10/10	10,2	4,5	7,0	25	17,3	2/-	200	0,70
601606	FCPCu-16/6	6,2	5,5	8,0	29	12,7	2/-	100	1,10
601608	FCPCu-16/8	8,2	5,5	8,5	29	12,7	2/-	100	1,13
601610	FCPCu-16/10	10,2	5,5	8,5	31	15,7	2/-	100	1,15
601612	FCPCu-16/12	12,2	5,5	8,5	33	19,0	2/-	100	1,28
602506	FCPCu-25/6	6,2	7,0	10,0	32	13,8	2/-	100	1,30
602508	FCPCu-25/8	8,2	7,0	10,0	32	13,8	2/-	100	1,39
602510	FCPCu-25/10	10,2	7,0	10,0	34	16,0	2/-	100	1,44
602512	FCPCu-25/12	12,2	7,0	10,0	36	-	2/-	100	1,48
603508	FCPCu-35/8	8,2	8,5	12,0	34	17,6	2/1	100	2,53
603510	FCPCu-35/10	10,2	8,5	12,0	37	20,8	2/1	100	2,39
603512	FCPCu-35/12	12,2	8,5	12,0	38	21,7	2/1	100	2,62
605008	FCPCu-50/8	8,2	10,0	14,0	37	22,0	3/1	100	2,96
605010	FCPCu-50/10	10,2	10,0	14,0	39	22,0	3/1	100	3,13
605012	FCPCu-50/12	12,2	10,0	14,0	43	25,9	3/1	100	3,09
605016	FCPCu-50/16	16,2	10,0	14,0	46	28,0	3/1	100	3,49
607008	FCPCu-70/8	8,2	12,0	16,5	46	24,0	3/1	100	4,75
607010	FCPCu-70/10	10,2	12,0	16,5	44	24,0	3/1	100	5,08
607012	FCPCu-70/12	12,2	12,0	16,5	46	24,0	3/1	100	4,57
607016	FCPCu-70/16	16,2	12,0	16,5	48	24,0	3/1	100	4,88
609508	FCPCu-95/8	8,2	13,5	18,0	48	27,8	4/2	50	6,10
609510	FCPCu-95/10	10,2	13,5	18,0	48	27,8	4/2	50	5,73
609512	FCPCu-95/12	12,2	13,5	18,0	49	27,8	4/2	50	6,06
609516	FCPCu-95/16	16,2	13,5	18,0	54	27,8	4/2	50	6,48
612010	FCPCu-120/10	10,2	15,0	19,0	50	31,0	4/2	50	6,07
612012	FCPCu-120/12	12,2	15,0	19,0	51	31,0	4/2	50	5,93
612016	FCPCu-120/16	16,2	15,0	19,0	54	31,0	4/2	50	5,71
615008	FCPCu-150/8	8,2	16,5	21,0	57	31,0	4/2	75	8,45
615010	FCPCu-150/10	10,2	16,5	21,0	57	31,0	4/2	75	8,14
615012	FCPCu-150/12	12,2	16,5	21,0	57	31,0	4/2	75	7,81
615016	FCPCu-150/16	16,2	16,5	21,0	58	31,0	4/2	50	8,05
615020	FCPCu-150/20	20,5	16,5	21,0	60	36,0	4/2	50	8,44
618512	FCPCu-185/12	12,2	19,0	24,0	65	34,8	4/2	50	11,46
618516	FCPCu-185/16	16,2	19,0	24,0	65	34,8	4/2	50	12,01
618520	FCPCu-185/20	20,5	19,0	24,0	69	39,0	4/2	25	12,40
624010	FCPCu-240/10	10,2	21,0	26,0	72	37,8	-/2	25	14,21
624012	FCPCu-240/12	12,2	21,0	26,0	72	37,8	-/2	25	14,06
624016	FCPCu-240/16	16,2	21,0	26,0	72	37,8	-/2	25	13,90
624020	FCPCu-240/20	20,5	21,0	26,0	72	37,8	-/2	25	13,71
630016	FCPCu-300/16	16,2	23,5	29,5	87	43,0	-/2	20	30,84
630020	FCPCu-300/20	20,5	23,5	29,5	87	43,0	-/2	20	23,00
640012	FCPCu-400/12	12,2	27,5	34,0	90	49,0	-/3	10	33,50
640016	FCPCu-400/16	16,2	27,5	34,0	90	49,0	-/3	10	56,40
640020	FCPCu-400/20	20,5	27,5	34,0	90	49,0	-/3	10	51,33
650016	FCPCu-500/16	16,2	31,5	42,0	120	56,0	-/3	10	46,00
650020	FCPCu-500/20	20,5	31,5	42,0	120	56,0	-/3	10	46,00
663016	FCPCu-630/16	16,2	34,5	44,0	125	65,0	-/4	10	42,00
663020	FCPCu-630/20	20,5	34,5	44,0	125	65,0	-/4	10	42,00

# COPPER BARREL-TYPE TERMINALS FOR CRIMPING



In accordance with DIN 46235  
 Material: Electrolytic copper DIN 40500  
 Surface: Zinc coated



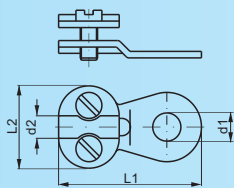
Used for terminating copper cables (VDE 0295) and ropes (DIN 48201) in power cables, and connection to the electrical circuit by means of a bolt and nut. Made with a control opening.

At the customer's request we also make special order terminals.

Code number	Designation mm <sup>2</sup> /Screw M	d1 mm	d2 mm	d3 mm	L1 mm	L2 mm	No. of crimps man./hydr.	Package pcs	Weight g/100 pcs
700605	FCPCt6/5	5,2	3,5	6,5	26	11,5	2/-	200	0,50
700606	FCPCt6/6	6,2	3,5	6,5	26	11,5	2/-	200	0,50
700608	FCPCt6/8	8,2	3,5	6,5	26	14,0	2/-	200	0,57
700610	FCPQ-6/10	10,2	3,5	6,5	26	14,0	2/-	200	0,67
701006	FCPCt10/6	6,2	4,5	7,0	29	9,4	2/-	200	0,56
701008	FCPCt10/8	8,2	4,5	7,0	29	12,5	2/-	200	0,62
701010	FCPCt10/10	10,2	4,5	7,0	29	17,3	2/-	200	0,85
701012	FCPCt10/12	12,2	4,5	7,0	29	17,3	2/-	200	0,86
701608	FCPCt16/8	8,2	5,5	8,5	36	12,7	2/-	100	1,19
701610	FCPCt16/10	10,2	5,5	8,5	36	15,7	2/-	100	1,19
701612	FCPCt16/12	12,2	5,5	8,5	36	19,0	2/-	100	1,21
702508	FCPCt25/8	8,2	7,0	10,0	38	13,8	2/-	100	1,62
702510	FCPCt25/10	10,2	7,0	10,0	38	16,0	2/-	100	1,65
702512	FCPCt25/12	12,2	7,0	10,0	38	16,0	2/-	100	1,68
703508	FCPCt35/8	8,2	8,5	12,0	42	17,6	2/1	100	2,75
703510	FCPCt35/10	10,2	8,5	12,0	42	20,8	2/1	100	2,75
703512	FCPCt35/12	12,2	8,5	12,0	42	21,7	2/1	100	2,75
703516	FCPCt35/16	16,2	8,5	12,0	42	21,7	2/1	100	2,75
705008	FCPCt50/8	8,2	10,0	14,0	52	22,0	3/1	100	4,40
705010	FCPCt50/10	10,2	10,0	14,0	52	22,0	3/1	100	4,40
705012	FCPCt50/12	12,2	10,0	14,0	52	25,9	3/1	100	4,40
707008	FCPCt70/8	8,2	12,0	16,5	55	24,0	3/1	100	6,00
707010	FCPCt70/10	10,2	12,0	16,5	55	24,0	3/1	100	6,00
707012	FCPCt70/12	12,2	12,0	16,5	55	24,0	3/1	100	6,00
707016	FCPCt70/16	16,2	12,0	16,5	55	24,0	3/1	100	6,00
709508	FCPQ-95/8	8,2	13,5	18,0	65	27,8	4/2	50	8,70
709510	FCPCt95/10	10,2	13,5	18,0	65	27,8	4/2	50	8,70
709512	FCPCt95/12	12,2	13,5	18,0	65	27,8	4/2	50	8,70
709516	FCPCt95/16	16,2	13,5	18,0	65	27,8	4/2	50	8,70
712010	FCPCt120/10	10,2	15,0	19,0	70	31,0	4/2	50	11,30
712012	FCPCt120/12	12,2	15,0	19,0	70	31,0	4/2	50	11,30
712016	FCPCt120/16	16,2	15,0	19,0	70	31,0	4/2	50	11,30
715012	FCPCt150/12	12,2	16,5	21,0	78	31,0	4/2	75	16,10
715016	FCPCt150/16	16,2	16,5	21,0	78	31,0	4/2	75	16,10
715020	FCPCt150/20	20,5	16,5	21,0	78	31,0	4/2	75	16,10
718512	FCPCt185/12	12,2	19,0	24,0	82	34,8	4/2	25	18,50
718516	FCPCt185/16	16,2	19,0	24,0	82	34,8	4/2	25	18,50
718520	FCPCt185/20	20,5	19,0	24,0	82	39,0	4/2	25	18,50
724010	FCPCt240/10	10,2	21,0	26,0	92	37,8	-/2	25	27,00
724012	FCPCt240/12	12,2	21,0	26,0	92	37,8	-/2	25	27,00
724016	FCPCt240/16	16,2	21,0	26,0	92	37,8	-/2	25	27,00
724020	FCPCt240/20	20,5	21,0	26,0	92	37,8	-/2	25	27,00
730016	FCPCt300/16	16,2	23,5	31,5	100	43,0	-/2	20	34,00
730020	FCPCt300/20	20,5	23,5	31,5	100	43,0	-/2	20	34,00
740012	FCPCt400/12	12,2	27,5	38,5	115	49,0	-/3	10	68,00
740016	FCPCt400/16	16,2	27,5	38,5	115	49,0	-/3	10	69,00
740020	FCPCt400/20	20,5	27,5	38,5	115	49,0	-/3	10	65,40
750016	FCPCt500/16	16,2	31,5	42,0	125	56,0	-/3	10	83,00
750020	FCPCt500/20	20,5	31,5	42,0	125	56,0	-/3	10	82,00
750024	FCPCt500/24	24,5	31,5	42,0	125	56,0	-/3	10	80,00
763016	FCPCt630/16	16,2	34,5	44,0	135	65,0	-/4	10	79,60
763020	FCPCt630/20	20,5	34,5	44,0	135	65,0	-/4	10	78,70

## BOLT-ON CABLE TERMINALS

FemaN

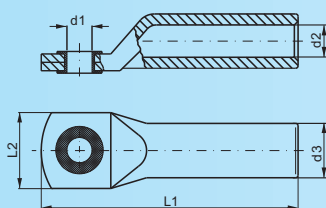


Code number	Designation mm <sup>2</sup> /Screw M	d1 mm	d2 mm	L1 mm	L2 mm	Package pcs	Weight g/100 pcs
3601006	FPV10/6	6.5	3,8	33	19	200	1,00
3601606	FPV16/6	6.5	5,8-5,3	38	21	200	1,60
3602508	FPV25/8	8.5	5,3-6,7	42	23	200	2,20
3603508	FPV35/8	8.5	6,7-8	48	24	100	3,30
3605010	FPV50/10	10.5	8-9	57	28	100	4,60
3607010	FPV70/10	10.5	9-10,5	60	30	100	6,00
3609512	FPV95/12	13,0	10,5-13,5	69	32	50	8,50
3612012	FPV120/12	13,0	13,5-15	72	40	50	16,00
3615016	FPV150/16	17,0	15-16,5	80	42	25	19,80

Used for terminating JUS N.F4.106. Protection from corrosion is done by zinc galvanization. copper power cables (without using a crimper), in accordance with

## ALUMINUM-COPPER CABLE TERMINALS FOR CRIMPING

FemaN

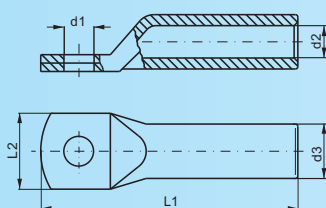


Code number	Designation mm <sup>2</sup> /Screw M	d1 mm	d2 mm	d3 mm	L1 mm	L2 mm	No. crimps man./hydr	Package pcs	Weight g/100 pcs
1901608	FACR16/8	8,5	5,5	11,0	53,0	16,5	4/2	100	1,20
1902508	FACR25/8	8,5	6,8	12,0	53,0	16,5	4/2	100	1,55
1903508	FACR35/8	8,5	8,0	14,0	57,5	18,5	5/2	100	1,75
1903510	FACR35/10	10,5	8,0	14,0	57,5	18,5	5/2	100	1,75
1903512	FACR35/12	13,0	8,0	14,0	57,5	18,5	5/2	100	1,75
1905008	FACR50/8	8,5	10,0	15,6	66,5	20,5	5/2	100	2,50
1905010	FACR50/10	10,5	9,3	15,6	66,5	20,5	5/2	100	2,50
1907010	FACR70/10	10,5	11,0	18,0	72,0	24,5	6/3	100	3,40
1907012	FACR70/12	13,0	11,0	18,0	72,0	24,5	6/3	100	3,60
1909510	FACR95/10	10,5	13,1	22,0	88,0	30,3	6/3	100	5,50
1909512	FACR95/12	13,0	13,1	22,0	88,0	30,3	6/3	100	5,50
1912010	FACR120/10	10,5	15,0	22,0	104,0	30,7	6/3	50	6,00
1912012	FACR120/12	13,0	15,0	22,0	104,0	30,7	6/3	50	6,00
1915012	FACR150/12	13,0	16,9	25,5	117,5	35,7	6/3	50	9,60
1915016	FACR150/16	17,0	16,9	25,5	117,5	35,7	6/3	50	9,60
1918512	FACR185/12	13,0	18,0	28,0	121,5	37,8	6/3	25	12,34
1918516	FACR185/16	17,0	18,0	28,0	121,5	37,8	6/3	25	12,34
1924012	FACR240/12	13,0	21,0	32,0	140,0	44,0	8/3	25	18,28
1924016	FACR240/16	17,0	21,0	32,0	140,0	44,0	8/3	25	18,28
1930012	FACR300/12	13,0	23,5	35,5	159,0	48,6	8/3	25	25,50
1930016	FACR300/16	17,0	23,5	35,5	159,0	48,6	8/3	25	25,50

Used for terminating Al cable & switching to Cu rod in elect. circuit of device manufactured in accordance with JUS.N.F4.101

## ALUMINUM CABLE TERMINALS FOR CRIMPING - DIN 48201

FemaN

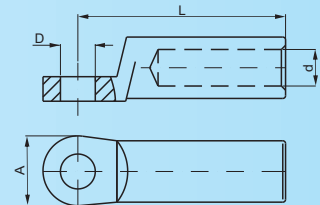
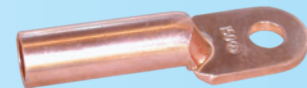


Code number	Designation mm <sup>2</sup> /Screw M	d1 mm	d2 mm	d3 mm	L1 mm	L2 mm	No. crimps man./hydr	Package pcs	Weight g/100 pcs
2001608	FAP16/8	8,5	5,5	11,0	53,0	16,5	4/2	100	0,82
2002508	FAP25/8	8,5	6,8	12,0	53,0	16,5	4/2	100	1,04
2003508	FAP35/8	8,5	8,0	14,0	57,5	18,5	4/2	100	1,45
2003512	FAP35/12	13,0	8,0	14,0	57,5	18,5	4/2	100	1,50
2005008	FAP50/8	8,5	10,0	15,6	66,5	20,5	4/2	100	1,90
2005010	FAP50/10	10,5	10,0	15,6	66,5	20,5	4/2	100	2,00
2005012	FAP50/12	13,0	10,0	15,6	66,5	20,5	4/2	100	2,00
2007010	FAP70/10	10,5	11,0	18,0	72,0	24,5	5/2	100	3,00
2007012	FAP70/12	13,0	11,0	18,0	72,0	24,5	5/2	100	3,00
2009510	FAP95/10	10,5	13,1	22,0	88,0	30,3	5/2	100	5,50
2012010	FAP120/10	10,5	15,0	22,0	104,0	30,7	6/3	50	6,50
2015012	FAP150/12	13,0	16,9	25,5	117,5	35,7	6/3	50	8,50
2018516	FAP185/16	17,0	18,0	28,0	121,5	37,8	6/3	25	10,50
2024016	FAP240/16	17,0	21,0	32,0	140,0	44,0	8/3	25	18,00

Used for terminating and connecting Al cables in the elect. circuit of a device. manufactured in accordance with JUS.N.F4.101

## WATERPROOF COPPER TERMINALS (FORGED)

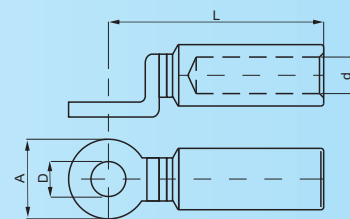
Code number	Designation mm <sup>2</sup> /Screw M	D mm	d mm	A mm	L mm	No. crimps man./hydr.	Weight g/100 pcs
2301606	FVCP16/6	6,5	5,5	20	42,5	2/1	100
2301608	FVCP16/8	8,5	5,5	20	42,5	2/1	100
2301610	FVCP16/10	10,5	5,5	20	42,5	2/1	100
2302506	FVCP25/6	6,5	6,8	20	43,0	2/1	100
2302508	FVCP25/8.	8,5	6,8	20	43,0	2/1	100
2302510	FVCP25/10	10,5	6,8	20	43,0	2/1	100
2303508	FVCP35/8	8,5	8,0	20	44,5	2/1	100
2303510	FVCP35/10	10,5	8,0	25	44,5	2/1	100
2303512	FVCP35/12	13,0	8,0	25	44,5	2/1	100
2305008	FVCP50/8	8,5	10,0	25	54,0	3/1	100
2305010	FVCP50/10	10,5	10,0	25	54,0	3/1	100
2305012	FVCP50/12	13,0	10,0	25	54,0	3/1	100
2307010	FVCP70/10	10,5	11,0	25	53,5	3/1	100
2307012	FVCP70/12	13,0	11,0	25	53,5	3/1	100
2307016	FVCP70/16	17,0	11,0	30	58,0	3/1	100
2309510	FVCP95/10	10,5	13,1	25	63,5	4/2	50
2309512	FVCP95/12	13,0	13,1	25	63,5	4/2	50
2309516	FVCP95/16	17,0	13,1	30	68,0	4/2	50
2312010	FVCP120/10	10,5	15,0	30	68,0	4/2	50
2312012	FVCP120/12	13,0	15,0	30	68,0	4/2	50
2312016	FVCP120/16	17,0	15,0	30	68,0	4/2	50
2315010	FVCP150/10	10,5	16,9	30	70,0	4/2	50
2315012	FVCP150/12	13,0	16,9	30	70,0	4/2	50
2315016	FVCP150/16	17,0	16,9	30	70,0	4/2	50
2318512	FVCP185/12	13,0	18,0	30	77,0	4/2	25
2318516	FVCP185/16	17,0	18,0	30	77,0	4/2	25
2318520	FVCP185/20	21,0	18,0	38	81,0	4/2	25
2324012	FVCP240/12	13,0	21,0	38	81,0	-/2	25
2324016	FVCP240/16	17,0	21,0	38	81,0	-/2	25
2324020	FVCP240/20	21,0	21,0	38	81,0	-/2	25



Used for terminating copper cables.

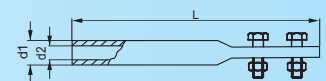
## WATERPROOF ALUMINUM-COPPER BI-METAL TERMINALS

Code number	Designation mm <sup>2</sup> /Screw M	D mm	d mm	A mm	L mm
1942512	25/12	6.8	13	25	67.5
1943512	35/12	8.0	13	25	76.5
1945012	50/12	9.8	13	25	76.5
1947012	70/12	11.2	13	25	84.5
1949512	95/12	13.2	13	30	90.5
1941212	120/12	14.7	13	30	92
1941512	150/12	16.3	13	30	104
1941812	185/12	18.3	13	30	105
1942412	240/12	21	13	35	118.5
1943012	300/12	23.3	13	40	123.50



## ALUMINUM AND COPPER TERMINALS FOR DISCONNECTS

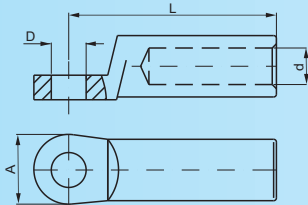
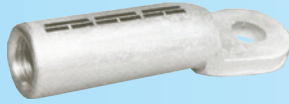
Code number	Type mm	d1 mm	d2 mm	L mm	Package pcs	Weight g/100 pcs
1950035	Al	20	9,5	184	25	24,7
1950050	Al	20	10,5	184	25	23,7
1950070	Al	22	11,2	205	25	25,0
1951070	Cu	16.5	11.5	105	25	10.8
1951095	Cu	19	13.5	115	25	15.2
1951120	Cu	21	15.5	120	25	18.6
1951150	Cu	23.5	17	128	10	23.2
1951185	Cu	25.5	19	132	10	30.4
1951240	Cu	29	21.5	142	10	41.5



Used for connecting Al and Cu cables to disconnecter sets.

## WATERPROOF ALUMINUM TERMINALS (FORGED)

FemaN

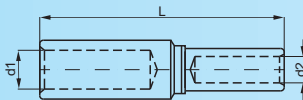


Code number	Designation mm <sup>2</sup> /Screw M	D mm	d mm	A mm	L mm	No. of crimps man./hydr.	Weight g/100 pcs
2901606	FVAR16/6	6,5	5,5	20	55.0	4/2	100
2901608	FVAR16/8	8,5	5,5	20	55.0	4/2	100
2901610	FVAR16/10	10,5	5,5	20	55.0	4/2	100
2902506	FVAR25/6	6,5	6,8	20	57.0	4/2	100
2902508	FVAR25/8	8,5	6,8	20	57.0	4/2	100
2902510	FVAR25/10	10,5	6,8	20	57.0	4/2	100
2903508	FVAR35/8	8,5	8,0	25	64.0	5/2	100
2903510	FVAR35/10	10,5	8,0	25	64.0	5/2	100
2903512	FVAR35/12	13,0	8,0	25	64.0	5/2	100
2905008	FVAR50/8	8,5	10,0	25	65.0	5/2	100
2905010	FVAR50/10	10,5	10,0	25	65.0	5/2	100
2905012	FVAR50/12	13,0	10,0	25	65.0	5/2	100
2907010	FVAR70/10	10,5	11,0	25	75.0	6/3	100
2907012	FVAR70/12	13,0	11,0	25	75.0	6/3	100
2907016	FVAR70/16	17,0	11,0	30	79.5	6/3	100
2909510	FVAR95/10	10,5	13,1	25	80.0	6/3	50
2909512	FVAR95/12	13,0	13,1	25	80.0	6/3	50
2909516	FVAR95/16	17,0	13,1	30	84.5	6/3	50
2912010	FVAR120/10	10,5	15,0	30	85.0	6/3	50
2912012	FVAR120/12	13,0	15,0	30	85.0	6/3	50
2912016	FVAR120/16	17,0	15,0	30	85.0	6/3	50
2915010	FVAR150/10	10,5	16,9	30	90.0	6/3	50
2915012	FVAR150/12	13,0	16,9	30	90.0	6/3	50
2915016	FVAR150/16	17,0	16,9	30	90.0	6/3	50
2918512	FVAR185/12	13,0	18,0	30	91.0	6/3	25
2918516	FVAR185/16	17,0	18,0	30	91.0	6/3	25
2918520	FVAR185/20	21,0	18,0	38	95.0	6/3	25
2924012	FVAR240/12	13,0	21,0	38	103.0	8/3	25
2924016	FVAR240/16	17,0	21,0	38	103.0	8/3	25
2924020	FVAR240/20	21,0	21,0	38	103.0	8/3	25

Used for terminating Aluminum cables

## WATERPROOF ALUMINUM-COPPER BI-METAL CONNECTORS

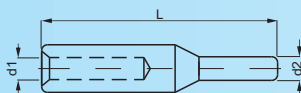
FemaN



Code number	Designation mm <sup>2</sup> /Screw M	d mm	D mm	A mm	L mm
1965025	50/25	9.0	7.4	76	50
1969550	95/50	12.5	9.4	98	50
1961550	150/50	12.5	13.8	104	30
1961595	150/95	15.5	16.5	113	30
1962415	240/150	19.5	19.4	130	15

## WATERPROOF ALUMINUM-COPPER BI-METAL PINS

FemaN

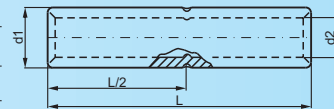
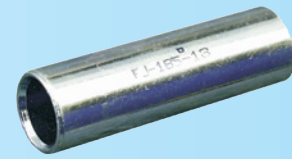


Code number	Type mm <sup>2</sup>	d1 mm	d2 mm	L1 mm	L mm	Weight g/100 pcs
1970025	25	6.8	6.0	20	65	20
1970035	35	8.0	7.0	22	74	20
1970050	50	9.8	8.0	25	77	20
1970070	70	11.2	10.0	30	91	20
1970095	95	13.2	12.0	33	101	20
1970120	120	14.7	12.0	38	106	20
1970150	150	16.5	12.0	38	110	20
1970185	185	18.3	14.0	44	120	20
1970240	240	21.0	16.0	44	128	20

## COPPER CONNECTOR FOR CRIMPING (DIN 46267)



Code number	Designation mm <sup>2</sup> /Screw M	d1 mm	d2 mm	L mm	No. of crimps man./hydr.	Package pcs	Weight g/100 pcs
3200006	FSCCU6	6,5	3,5	26	2-2/-	300	0,35
3200010	FSCCU10	7,0	4,5	35	2-2/-	200	0,73
3200016	FSCCU16	8,5	5,5	45	2-2/1-1	200	1,35
3200025	FSCCU25	10,0	7,0	45	2-2/1-1	200	1,60
3200035	FSCCU35	12,0	8,5	45	2-2/1-1	300	2,35
3200050	FSCCU50	14,0	10,0	61	3-3/1-1	200	4,05
3200070	FSCCU70	16,5	12,0	61	3-3/1-1	100	5,46
3200095	FSCCU95	18,0	13,5	75	4-4/2-2	100	7,30
3200120	FSCCU120	19,0	15,0	75	4-4/2-2	150	8,00
3200150	FSCCU150	21,0	16,5	75	4-4/2-2	100	8,50
3200185	FSCCU185	24,0	19,0	80	4-4/2-2	50	12,50
3200240	FSCCU240	26,0	21,0	85	-/2-2	75	14,40
3200300	FSCCU300	32,0	24,5	124	-/2-2	25	36,72
3200400	FSCCU400	38,5	27,5	150	-/3-3	15	75,50
3200500	FSCCU500	42,0	31,0	160	-/3-3	10	89,76
3200600	FSCCU630	44,0	34,5	160	-/4-4	10	83,40



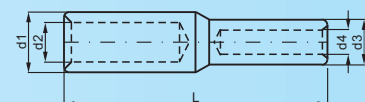
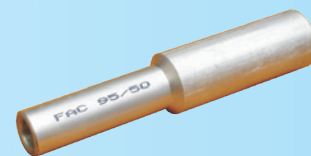
Used for joining copper cables of the same dimensions using hex configuration crimping. Connection made in accordance with JUS N.F4.101. By special order, we manufacture high-voltage copper connectors for crimping and soldering.

We recommend using FEMAN Crimpers

## ALUMINUM CRIMPED REDUCING CONNECTOR



Code number	Designation mm <sup>2</sup> /Screw M	d1 mm	d2 mm	d3 mm	d4 mm	L mm	No. of crimps man./hydr.	Package pcs	Weight g/100 pcs
2102516	FAG25/16	12,0	6,8	11,0	5,5	90,0	4-4/2-2	100	2,00
2103516	FAG35/16	12,0	8,0	11,0	5,5	90,0	5-5/2-2	100	2,25
2103525	FAG35/25	14,0	8,0	12,0	6,5	106,5	5-5/2-2	100	2,40
2105016	FAG50/16	15,6	9,3	11,0	5,5	106,5	5-5/2-2	100	3,10
2105025	FAG50/25	15,6	9,3	12,0	6,5	106,5	5-5/2-2	100	3,30
2105035	FAG50/35	15,6	9,3	14,0	8,0	106,5	5-5/2-2	100	3,50
2107035	FAG70/35	18,0	11,2	14,0	8,0	106,5	6-6/3-3	75	4,00
2107050	FAG70/50	18,0	11,2	15,6	9,3	106,5	6-6/3-3	75	4,35
2109535	FAG95/35	22,0	12,5	14,0	8,0	106,5	6-6/3-3	75	5,73
2109550	FAG95/50	22,0	12,5	15,6	9,3	106,5	6-6/3-3	75	6,00
2109570	FAG95/70	22,0	12,5	18,0	11,2	106,5	6-6/3-3	75	6,50
2112035	FAG120/35	22,0	12,5	14,0	8,0	133,0	6-6/3-3	50	5,70
2112050	FAG120/50	22,0	15,0	15,6	9,3	133,0	6-6/3-3	50	6,10
2112070	FAG120/70	22,0	15,0	18,0	11,2	133,0	6-6/3-3	50	6,60
2112095	FAG120/95	22,0	15,0	20,0	12,5	133,0	6-6/3-3	50	8,40
2115050	FAG150/50	25,0	16,5	15,6	9,3	133,0	6-6/3-3	25	7,60
2115070	FAG150/70	25,0	16,5	18,0	11,2	133,0	6-6/3-3	25	7,20
2115095	FAG150/95	25,0	16,5	22,0	12,5	133,0	6-6/3-3	25	9,60
2115096	FAG150/120	25,0	16,5	22,0	15,0	133,0	6-6/3-3	25	8,95
2118570	FAG185/70	28,0	18,3	18,0	11,2	143,5	6-6/3-3	25	10,17
2118595	FAG185/95	28,0	18,3	22,0	11,5	143,5	6-6/3-3	25	12,14
2118596	FAG185/120	28,0	18,3	22,0	15,0	143,5	6-6/3-3	25	10,90
2118597	FAG185/150	28,0	18,3	25,5	16,5	143,5	6-6/3-3	25	12,30

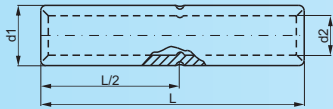


Used for joining aluminum cables of different diameters using hex configuration crimping, in accordance with JUS N.F4.101.

We recommend crimping with FEMAN crimpers types FP-185 and FRP-300.

## ALUMINUM CRIMPED CONNECTOR

FEMAN

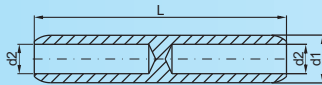
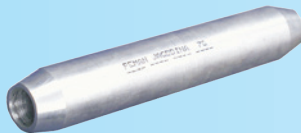


Code number	Designation mm <sup>2</sup>	d1 mm	d2 mm	L mm	No. crimps man./hydr.	Package pcs	Weight g/100 pcs
2100016	FAG16	11,0	5,5	53,0	3-3/-	300	1,09
2100025	FAG25	12,0	6,5	53,0	3-3/-	200	1,20
2100035	FAG35	14,0	8,0	57,5	3-3/2-2	100	1,75
2100050	FAG50	15,6	9,3	66,5	4-4/2-2	100	2,11
2100070	FAG70	18,0	11,2	70,0	4-4/2-2	100	3,07
2100095	FAG95	22,0	12,5	87,0	5-5/3-3	100	6,41
2100120	FAG120	22,0	15,0	104,0	6-6/3-3	100	6,00
2100150	FAG150	25,5	16,5	117,0	6-6/3-3	100	9,00
2100185	FAG185	28,0	18,3	123,0	6-6/3-3	50	11,70
2100240	FAG240	32,0	21,0	140,0	7-7/3-3	25	16,17
2100300	FAG300	40,0	23,5	140,0	7-7/3-3	10	22,50

Used for joining aluminum cables of the same diameter using hex configuration crimping. Connection is in accordance with JUS N.F4.101. We recommend crimping with FEMAN crimpers types FP-185 and FRP-300.

## ALUMINUM "SIME" CONNECTOR (10, 20 i 35 kV)

FEMAN

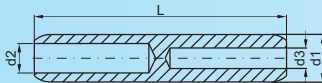


Code number	Designation mm <sup>2</sup>	d1 mm	d2 mm	L mm	No. crimps man./hydr.	Package pcs	Weight g/100 pcs
2200025	AL-SG25	16	6,8	90,5	4-4/2-2	100	4,0
2200035	AL-SG35	16	8,0	90,5	4-4/2-2	50	3,8
2200050	AL-SG50	20	9,3	106,5	4-4/2-2	50	7,2
2200070	AL-SG70	20	11,2	106,5	4-4/2-2	50	6,4
2200095	AL-SG95	20	13,0	106,5	4-4/2-2	25	5,4
2200120	AL-SG120	25	15,0	133,0	4-4/2-2	25	11,4
2200150	AL-SG150	25	16,9	133,0	4-4/2-2	25	10,1
2200185	AL-SG185	32	18,0	143,5	4-4/2-2	25	18,5
2200240	AL-SG240	32	21,0	143,5	5-5/2-2	25	17,5
2200300	AL-SG300	40	23,5	218,0	5-5/2-2	25	48,6

Used for joining aluminum cables of the same diameter 10, 20 i 35 kV, using deep pressure crimping into the closed matrix, in accordance with JUS N.F4.101. We recommend using our hydraulic crimper FS-240 with the appropriate tools.

## ALUMINUM "SIME" REDUCING CONNECTOR (10, 20 i 35 kV)

FEMAN



Code number	Designation mm <sup>2</sup>	d1 mm	d2 mm	L mm	No. crimps man./hydr.	Package pcs	Weight g/100 pcs
2205035	AL-SG50/35	20	9,0	8,0	106,5	25	7,5
2207016	AL-SG70/16	20	11,0	5,5	106,5	25	7,5
2207035	AL-SG70/35	20	11,0	8,0	106,5	25	8,0
2207050	AL-SG70/50	20	11,0	9,0	106,5	25	8,0
2209535	AL-SG95/35	20	12,5	8,5	106,5	25	8,5
2209550	AL-SG95/50	20	12,5	9,0	106,5	25	8,5
2209570	AL-SG95/70	20	13,7	11,0	106,5	25	8,0
2212035	AL-SG120/35	25	13,7	8,5	133,0	25	15,0
2212050	AL-SG120/50	25	13,7	9,0	133,0	25	15,0
2212070	AL-SG120/70	25	13,7	11,0	133,0	25	15,0
2212095	AL-SG120/95	25	13,7	12,5	133,0	25	15,0
2215035	AL-SG150/35	25	15,5	8,5	133,0	25	14,0
2215050	AL-SG150/50	25	16,5	9,0	133,0	25	15,0
2215070	AL-SG150/70	25	15,5	11,0	133,0	25	14,5
2215095	AL-SG150/95	25	16,5	13,0	133,0	25	14,0
2215012	AL-SG150/120	25	16,5	14,7	133,0	25	14,0
2218512	AL-SG185/120	32	18,2	14,7	143,5	25	25,0
2218515	AL-SG185/150	32	18,2	16,5	143,5	25	25,0
2224015	AL-SG240/150	32	19,5	15,5	143,5	25	25,0

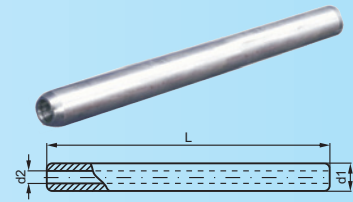
Used for joining aluminum cables of different diameters 10, 20 i 35 kV, using deep pressure crimping into the closed matrix, in accordance with JUS N.F4.101. We recommend using our hydraulic crimper FS-240 with the appropriate tools.

## COMPRESSION JOINT CONNECTORS FOR EXTENDING SUPPORT CABLES



Code number	Designation mm <sup>2</sup> /Screw M	d1 mm	d2 mm	L mm	No. of crimps man./hydr.	Package pcs	Weight g/100 pcs
2102075	FPG50	19	9,7	182	6-6	100	3,00
2102077	FPG70	21	11	200	6-6	100	3,50

Used for extending wires in uninsulated above ground and cable networks. The construction of the connector secures a good electrical and mechanical joint. Hexagonal crimping connection is made using using FEMAN manual crimpers (FP-185, FRP-300). When connecting insulated wires, it is necessary to insulate the joint locations after crimping. Insulation is most often done with heat-shrink tubes or self-adhesive insulating tapes.

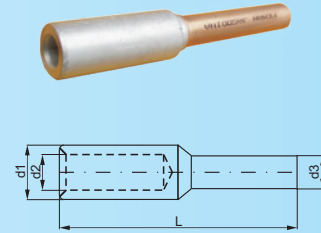


## CONNECTOR (PIN) FOR KGTs-10



Code number	Designation mm <sup>2</sup> /Screw M	d1 mm	d2 mm	d3 mm	L mm	Package pcs	Weight g/100 pcs
1997095	Cu 95- Cu Ø17	18	13,5	17	117	50	19,0
1997120	Cu 120- Cu Ø17	19	15,5	17	117	50	19,2
1997150	Cu 150- Cu Ø17	21	17,0	17	117	50	19,5

Used for connecting aluminum cables with a cable head. We recommend using FEMAN Crimpers.

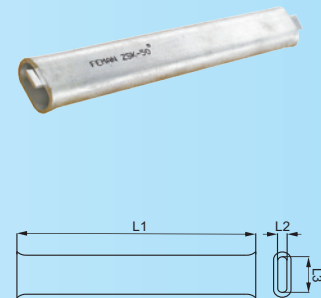


## THREADED ALUMINUM CONNECTORS



Code number	Type mm <sup>2</sup>	Al-Fe cable mm <sup>2</sup>	L1 mm	L2 mm	L3 mm	Thickness Al insert	No. of threads	Package pcs	Weight g/100 pcs
2000025	ZSK25	25/4	114	6.8	15.8	1,5	2x3	25	3,2
2000035	ZSK35	35/6	130	8.3	18.3	1,5	2x3	25	4,3
2000050	ZSK50	50/8	184	9.8	21.3	1,5	2x4	25	8,1
2000070	ZSK70	70/12	204	12.8	26.3	1,5	2x4	25	10,6
2000095	ZSK95	95/15	294	15.8	32.3	2,0	2x5	25	17,4
2000125	ZSD25	25/4	274	6.8	15.8	1,5	2x7	25	7,5
2000135	ZSD35	35/6	310	8.3	18.3	1,5	2x7	25	10,2
2000150	ZSD50	50/8	384	9.8	21.3	1,5	2x8	25	16,8
2000170	ZSD70	70/12	468	12.8	26.3	1,5	2x8	25	24,4
2000195	ZSD95	95/15	658	15.8	32.3	2,0	2x10	20	39,0

Short threaded aluminum connectors ( ZSK) are used for making power connections (attaching) of aluminum-steel cables, in accordance with JUS N.F4.101. Long threaded aluminum connectors (ZSD) are used for making power connections of mechanically tightened aluminum-steel cables, in accordance with JUS N.F4.101. We recommend crimping with FEMAN crimpers, types FP-185 and FRP-300.

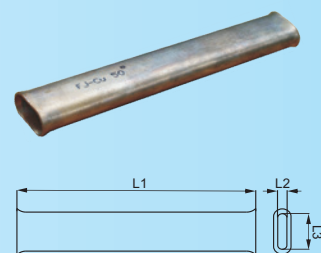


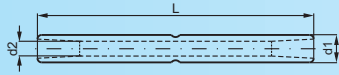
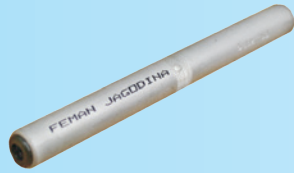
## THREADED COPPER CONNECTORS



Code number	Type mm <sup>2</sup>	Cu cable mm <sup>2</sup>	L1 mm	L2 mm	L3 mm	No. of threads	Package pcs	Weight g/100 pcs
2000216	ZSCU16	16	95	5,6	11,2	2x3	25	15
2000225	ZSCU25	25	105	7,0	14,0	2x3	25	26
2000235	ZSCU35	35	122	8,0	16,0	2x3	25	45
2000250	ZSCU50	50	150	10,0	19,5	2x4	25	75

Used for making power connections (attaching) copper cables that are not mechanically tightened, in accordance with JUS N.F4.101. We recommend crimping with FEMAN crimpers, types FP-185 i FRP-300.

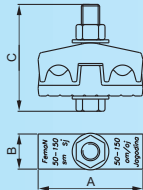




Code number	Designation mm <sup>2</sup> /Screw M	d1 mm	d2 mm	L mm	Number of crimps	Package pcs	Weight g/100 pcs
2101016	FKG16	12	5,6	140	6-6	100	3,00
2101025	FKG25	12	6,8	140	6-6	100	3,50
2101035	FKG35	14	8	140	6-6	100	4,00
2101050	FKG50	16	10	155	8-8	50	5,05
2101070	FKG70	18	11,5	165	8-8	50	7,43
2101071	FKG71,5	18	11,5	165	8-8	50	7,43

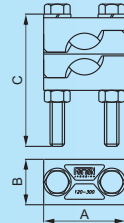
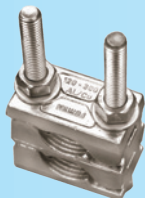
Used for extending wires in uninsulated above ground and cable networks. With their construction they secure a good electrical and mechanical joint. Connection is made using hexagonal crimping using "FEMAN" manual crimpers (FP-185, FRP-300). When joining insulated wires it is necessary after crimping to insulate the joint location. Insulation is most often done with heat-shrink tubes or self-adhesive insulating tapes.

## FEPOS DISTANT CONNECTION CLAMP



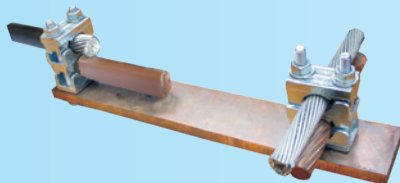
Code number	Designation mm <sup>2</sup> /Screw M	A mm	B mm	C mm	Bolt	Package pcs	Weight g/100 pcs
3301635	FEPOS 165/50-95	36	19	56	M8	75	14,1
3305095	FEPOS 595/70-120	48,6	21	66,5	M10	50	22,2
3307015	FEPOS 7050/95-185	57	22	78	M12	25	34,4

SYMETRICAL



Code number	Designation mm <sup>2</sup> /Screw M	A mm	B mm	C mm	Bolt	Package pcs	Weight g/100 pcs
3311635	FEPOS 165S	36	18,6	53,5	M8	75	13,0
3315015	FEPOS 5050S	68,7	23	78	M12	50	45,7

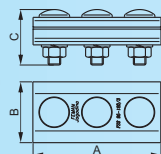
DOUBLE



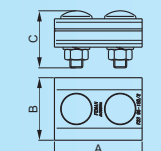
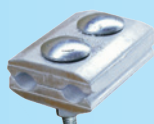
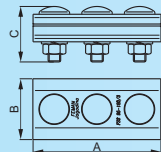
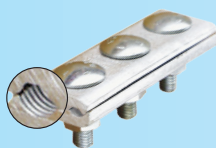
Code number	Designation mm <sup>2</sup> /Screw M	A mm	B mm	C mm	Bolt	Package pcs	Weight g/100 pcs
3315300	FEPOS 12800	45	25	80	M8	25	32,8

Used for connecting cables onto flat, rail type, level conductors in accordance with JUS N.F4.106. Made of specially forged brass alloy galvanized by zinc-coating, allowing the connection of aluminum and copper cables at the same time. Double clamps are suitable for serial connections, one above the other (up to four cables).

## CURRENT CLAMP



Code number	Designation mm <sup>2</sup> /Screw M	A mm	B mm	C mm	Package pcs	Weight g/100 pcs
3695122	FSS Cu 500/3	120	46,8	43	25	106,00
3695123	FSS Cu 9520/3	120	53	52	15	-
3716352	FSS 165/2	70	36,8	35,7	25	18,00
3716353	FSS 165/3	105	36,8	35,7	25	23,70
3735502	FSS 350/2	75	36,8	35	25	18,00
3735503	FSS 350/3	115	36,8	35	25	28,60
3750702	FSS 500/2	80	46,8	43	25	26,20
3750703	FSS 500/3	120	46,8	43	25	36,50
3795122	FSS 9520/2	80	57	52	15	41,00
3795123	FSS 9520/3	120	57	52	15	58,40



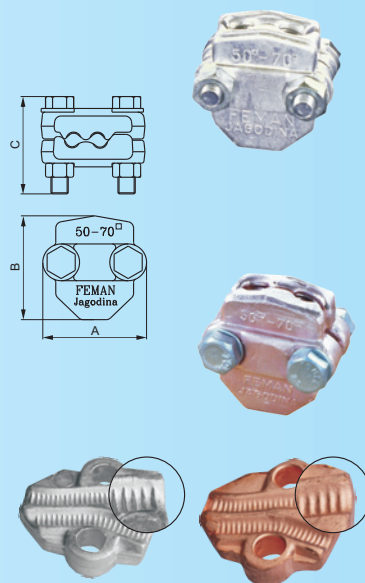
This clamp is used for extension and termination in all locations where great mechanical strength is needed for connections of copper, plain aluminum or aluminum-steel phase wires, in accordance with JUS N.F4.106. These clamps consist of two separate parts, upper and lower. By joining these parts of the clamp a channel is obtained for biting into and securing cables of the appropriate diameter. The channels are made with crossways grooves to prevent slipping of the line under normal loads. At the same time, the grooves serve to prevent oxidation on the wire surface, and hence create a good electrical contact. Joining of the clamp parts is done with two or three bolts, using a single wrench. The bolts are well protected from corrosion by galvanization, but as a special order can be hot-dip galvanized.

## ALUMINUM AND COPPER TERMINATION CLAMP

FEMAN

Code number	Designation mm <sup>2</sup> /Screw M	Diameter - mm <sup>2</sup>		A mm	B mm	C mm	U threads	Package pcs	Weight g/100 pcs
		Al	Cu						
2802535	FZSAI 2535	6-10	35	50	35	45	2xM6	100	7,00
2805070	FZSAI 5070	2x10-16	70	50	64	45	2xM6	50	13,40
2809512	FZSAI 95120	10-25	150	64	40	60	2xM8	50	13,00
2812535	FZSCu 2535	2x10-25	150	64	72,5	60	2xM8	25	26,40
2815070	FZSCu 5070								
2819512	FZSCu 95120								

Used as extension and termination clamps for all joints where great mechanical strength is needed in compliance with JUS N.F4.106. Made in three sizes for lines of diameters 25-35, 50-70 and 95-120. For Al and Al-steel they are made of forged aluminum alloy. For Cu lines, they are made of 99,9% forged copper. These clamps consist of two separate parts; upper and a lower. By putting the two parts together, channels are created which bite into the lines of the appropriate diameter and secure them. The channels are made with cross grooves to prevent slipping of the line under normal loads. Joining the parts of the clamp is done with two bolts which are well protected from corrosion. It is secured with a counter screw-nut. FEMAN's termination clamp should satisfy normally allowed strain on the line. If increased mechanical strain is expected, use two or more clamps for the connection. FEMAN clamps are manufactured with materials and technology that guarantees that they will not crack or break.

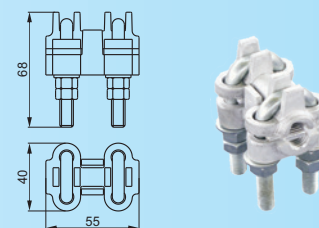


## ALUMINUM SERRATED CLAMP

FEMAN

This type of serrated clamp is used for current bearing connection that needs to withstand a mechanical strain on the cable, in accordance with JUS N.F4.106. They are also suitable for branching the network and securing additional lines to the main line. Suitable for connecting cables of the same or differing diameters from 50-70 mm<sup>2</sup>. These clamps are made of aluminum alloy and thus are suitable for joining Al and Al-steel lines. A very strong connection is achieved by the use of a stirrup bolt, secured with a counter nut (two nuts).

**Package:** 50 pcs  
**Weight:** 19,54 kg/100pcs  
**Code number:** 3004000



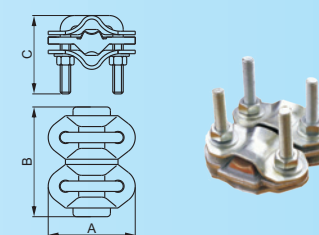
## ALUMINUM-COPPER COMBINED TAP-OFF CLAMP

FEMAN

Code number	Designation mm <sup>2</sup> /Screw M	Diameter - mm <sup>2</sup>		A mm	B mm	C mm	U threads	Package pcs	Weight g/100 pcs
		Al	Cu						
3006351	Al-Cu 635/I	6-10	35	50	35	45	2xM6	100	7,00
3016702	Al-Cu 1670/II	2x10-16	70	50	64	45	2xM6	50	13,40
3025151	Al-Cu 25150/I	10-25	150	64	40	60	2xM8	50	13,00
3025152	Al-Cu 25150/II	2x10-25	150	64	72,5	60	2xM8	25	26,40

Used for connecting aluminum and copper wires and switching from aluminum to copper wire, in accordance with JUS N.F4.106.

NOTE : In place of this clamp we recommend using our universal SUPER UNIMAX clamp.



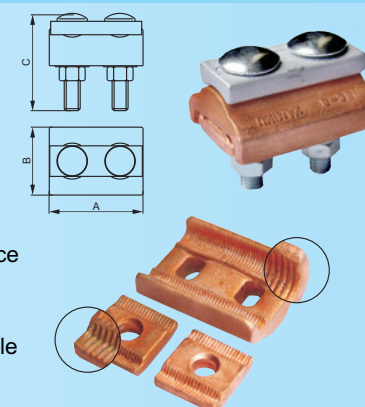
## SUPER-UNIMAX CLAMP

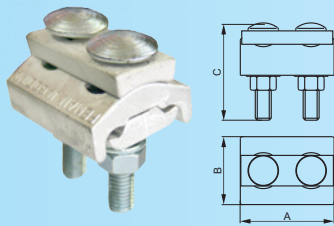
FEMAN

Code number	Designation mm <sup>2</sup> /Screw M	A mm	B mm	C mm	Torban Bolt	Package pcs	Weight g/100 pcs
2500425	UNIMAX 425	40	26	37	2xM6	50	12,20
2500635	UNIMAX 635	40	30	39	2xM6	50	13,40
2500650	UNIMAX 650	47	34	48	2xM8	25	23,20
2501095	UNIMAX 1095	52,5	40	55	2xM8	25	34,60

This clamp is made by special request for Electro-Industry of Serbia. It represents a unique and completely new product on the European market. This clamp is made from a special alloy which enables the simultaneous connection of aluminum and copper aerial wires, without the appearance of electrolytic and electrochemical corrosion; in accordance with JUS N.F4.106.

Test results confirm that this clamp is far superior to the previously used Al-Cu combined tap-off clamp. The SUPER-UNIMAX clamp equally meets the mechanical and electrical connection requirements. It comes in five sizes and is forged giving it cross grooves for oxide destruction while having a larger contact surface and a stronger mechanical connection. The clamp has a bridge allowing for even pressure and better conductivity. Assembly is done with a single wrench

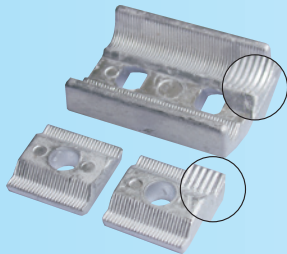




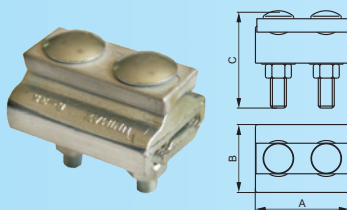
Code number	Designation mm <sup>2</sup> /Screw M	A mm	B mm	C mm	Torban Bolt	Package pcs	Weight g/100 pcs
2600425	UNIMAX 425	40	26	37	2xM6	100	5,60
2600635	UNIMAX 635 -	40	30	39	2xM6	75	6,20
2600650	UNIMAX 650	47	34	48	2xM8	100	11,80
2601095	UNIMAX 1095	52,5	40	55	2xM8	75	13,80
2625150	UNIMAX 25150	64	50	55	2xM10	20	26,40

Used for connecting tap-off and connecting Al cables to uninsulated aerial wires, in accordance with JUS.N.F4.106. In addition to good mechanical features, it has exceptionally good electrical characteristics. It is made of electrotechnical aluminum according to DIN 40501.

FEMAN's "UNIMAX" clamp is made by casting under pressure and the channels are made with cross grooves which, when tightened, destroy aluminum-oxide on the surface of the cable, creating better electrical contact. At the same time, this innovation also improves the clamp's mechanical characteristics. The quality and reliability of the connection has been greatly improved with the introduction of the cross grooves along the length of the channels. Until now, unimax clamps were made of Al profile without grooves, and the layer of aluminum oxide caused greater transient resistance between the clamp and the cable, causing poor tap-off wire contact. The two parts of this clamp are held together by two bolts which are impressed into the bridge of the clamp, allowing for easier single wrench assembly.



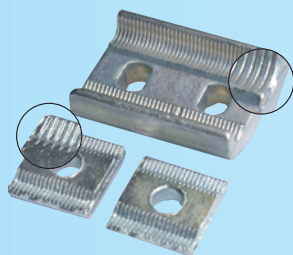
SUPER-UNIMAX CLAMP



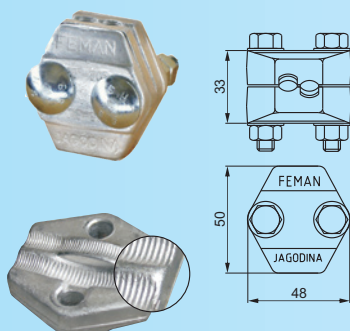
Code number	Designation mm <sup>2</sup> /Screw M	A mm	B mm	C mm	Torban Bolt	Package pcs	Weight g/100 pcs
2700425	FSUNIMAX 4/25	40	26	37	2xM6	50	12,20
2700635	FSUNIMAX 6/35	40	30	39	2xM6	50	12,80
2700650	FSUNIMAX 6/50	47	34	48	2xM8	50	23,20
2701095	FSUNIMAX 10/95	52,5	40	55	2xM8	50	32,40
2702515	FSUNIMAX 25/150	64	50	55	2xM10	25	49,24

This clamp is made by special request for Electro-Industry of Serbia. It represents a unique and completely new product on the European market. This clamp is made from a special alloy which enables the simultaneous connection of aluminum and copper aerial wires, without the appearance of electrolytic and electrochemical corrosion; in accordance with JUS N.F4.106.

Test results confirm that this clamp is far superior to the previously used Al-Cu combined tap-off clamp. The SUPER-UNIMAX clamp equally meets the mechanical and electrical connection requirements. It comes in five sizes and is forged giving it cross grooves for oxide destruction while having a larger contact surface and a stronger mechanical connection. The clamp has a bridge allowing for even pressure and better conductivity. Assembly is done with a single wrench



FEFIX CLAMP



Code number	Designation mm <sup>2</sup> /Screw M	For diameter mm	Package pcs	Weight g/100 pcs
3003550	FEFIX 350	7,5-9,5	25	16,80

Feman Fix clamp is used for connecting and terminating aluminum-steel lines at all connection points where exceptional connection strength is needed, in accordance with JUS N.F4.106.

Convenient for quick assembly and disassembly since only one wrench is needed; no need for a counter wrench. Grooves add additional strength to the connection.

Code number	Name	Dimension mm	Package pcs	Weight g/100 pcs
4703035	Cable route marker plate 0,4KV	92x64	50	22.8
4703036	Two-cable route marker plate 0,4KV	92x64	50	22.8
4703037	One cable left-turn marker plate 0,4KV	92x64	50	22.8
4703038	One cable right-turn marker plate 0,4KV	92x64	50	22.8
4703039	Two cable left-turn marker plate 0,4KV	92x64	50	22.8
4703040	Two cable right-turn marker plate 0,4KV	92x64	50	22.8
4703045	Cable route marker plate 1KV	92x64	50	22.8
4703046	Two-cable route marker plate 1KV	92x64	50	22.8
4703047	One cable left-turn marker plate 1KV	92x64	50	22.8
4703048	One cable right-turn marker plate 1KV	92x64	50	22.8
4703049	Two cable left-turn marker plate 1KV	92x64	50	22.8
4703050	Two cable right-turn marker plate 1KV	92x64	50	22.8
4703055	Cable route marker plate 10KV	92x64	50	22.8
4703056	PTwo-cable route marker plate 10KV	92x64	50	22.8
4703057	One cable left-turn marker plate 10KV	92x64	50	22.8
4703058	One cable right-turn marker plate 10KV	92x64	50	22.8
4703059	Two cable left-turn marker plate 10KV	92x64	50	22.8
4703060	Two cable right-turn marker plate 10KV	92x64	50	22.8
4703061	Cable route marker plate 20KV	92x64	50	22.8
4703062	One cable left-turn marker plate 20KV	92x64	50	22.8
4703063	One cable right-turn marker plate 20KV	92x64	50	22.8
4703065	Cable route marker plate 24KV	92x64	50	22.8
4703066	Two-cable route marker plate 24KV	92x64	50	22.8
4703067	One cable left-turn marker plate 24KV	92x64	50	22.8
4703068	One cable right-turn marker plate 24KV	92x64	50	22.8
4703069	Two cable left-turn marker plate 24KV	92x64	50	22.8
4703070	Two cable right-turn marker plate 24KV	92x64	50	22.8
4703072	Cable route marker plate 35KV	92x64	50	22.8
4703073	One cable left-turn marker plate 35KV	92x64	50	22.8
4703074	One cable right-turn marker plate 35KV	92x64	50	22.8
4703051	Cable connector 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 connector marker plate	92x64	50	22.8
4703079	Marker plate for T-connector	92x64	50	22.8
4703080	Marker plate for intersection with waterworks	92x64	50	22.8
4703081	Marker plate for intersection with PTT	92x64	50	22.8
4703082	Marker plate for intersection with sewer	92x64	50	22.8
4703083	Marker plate for intersection with heating pipes	92x64	50	22.8
4703096	Marker plate for underground cable route	92x64	50	22.8



## SELF ADHESIVE PVC WARNING SIGNS



These signs convey messages or warnings. They are made on aluminum or on self-adhesive foil with weather resistant colors.

We also manufacture custom signs (Please mark the text you wish to have on the sign when ordering).

**Dimensions:** 100x120 (120x100) mm  
**Code:** 4703050

## SELF ADHESIVE PVC WARNING SIGNS

FemaN



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We also manufacture custom signs (Please mark the text you wish to have on the sign when ordering).

**Dimensions:** 100x120 (120x100) mm  
**Code:** 4703050

## WARNING SIGNS

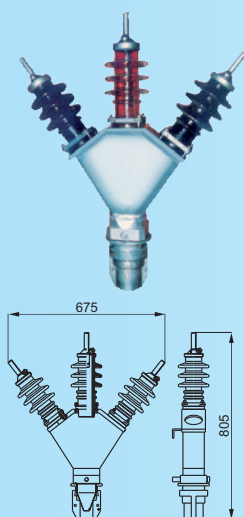
FemaN



Code number	Designation	Dimensions mm	Package pcs	Weight kg/pc
4703100	Warning sign – High Voltage	200x145	50	8.8
4703103	Warning sign – High Voltage with number	200x145	50	8.8
4703104	Sign for numbering posts	200x145	50	8.8
4703113	Phase numbering sign - white	200x145	50	8.8
4703111	First aid instructions A3	420x297	10	17.6
4703112	Golden Rule A-3	420x297	10	17.6
4703115	Fire extinguisher instructions A-3	420x297	10	17.6
4703102	Warning sign – High Voltage A-3	420x297	10	17.6

## CABLE HEAD KGTs-10

FemaN



Cable head type KGTs-10 is used for exterior mounting for termination of three-wire cables with insulation made of impregnated paper with copper or aluminum wires of up to 240 mm<sup>2</sup>, and voltage up to 10 kV.

The cable head consists of the following parts:

- silumine cable head housing
- two porcelain and one glass insulator (the middle insulator is glass for visual control of the oil level)
- a copper funnel, which is secured to the lower part of the housing, through which the wire enters the head. The funnel also is used for soldering the lead coating of the wire, so as to form a hermetic seal between the cable and the head.
- assembly material

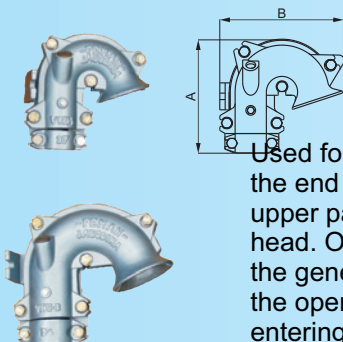
Detailed directions for assembly are included in the instructions included with every order of this head. When assembly is complete, the oil, which is an integral part of the assembly materials, is poured into the cable head through the opening in the cap of the middle insulator.

**Note:** Al-Cu bolt is ordered separately

**Package:** 1 pc  
**Weight:** (without oil): 13 kg/pc  
**Code number:** 4800010

## CABLE SERVICE HEAD VKG

FemaN



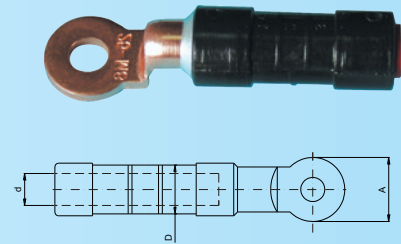
Code number	Designation	Max. cable mm <sup>2</sup>	A mm	B mm	Package pcs	Weight g/100 pcs
3800001	VKG 1	do 4 x 50	213	220	1	1,70
3800003	VKG 3	do 4 x 150	255	290	1	2,16

Used for switching from a cable lead to a self-supporting cable bundle and vice versa At the end of a cable lead the appropriate cable head must be mounted, which consists of an upper part and a support ring, as well as bolts which mutually connect the parts of the head. On the lower section is the part for securing the cable head to the wall or post. On the general use bracket there are holes planned for attaching VKG cable heads. Through the opening on the top of the cable head bitumen mass is poured to prevent moisture from entering the cable. The cable head is cast from silumine, and is easy to assemble..

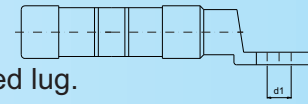
## INSULATED WATERPROOF AL-CU BIMETALLIC LUGS CPTAU

FemaN

Code number	Designation	Type mm	d1 mm	D mm	d mm	A mm
3421610	CPTAU 16	16/10	10.5	16	5.3	20
3422512	CPTAU 52	25/12	13	20	6.2	24
3423512	CPTAU 35	35/12	13	20	8	24
3425012	CPTAU50	50/12	13	20	9	24
3427012	CPTAU 70	70/12	13	20	10.4	24
3429512	CPTAU95	95/12	13	20	12.2	24



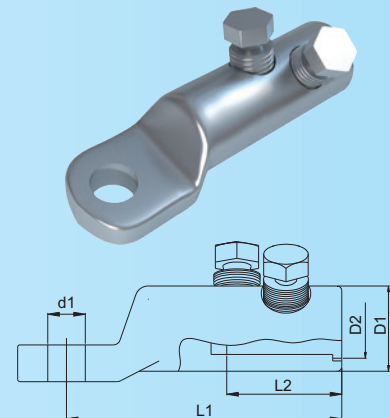
Used for terminating Aluminum cables and switching to Cu rails. Insulated end of the cable is inserted into the lug through the rubber gasket which prevents penetration of moisture and electrolytic corrosion. Hexagonal crimping is executed directly over the marked spaces on insulated lug. We recommend using FEMAN's crimpers with proper dies.



## LUGS WITH MOMENT SCREWS

FemaN

Code number	Designation mm <sup>2</sup> /Screw M	d1 mm	L1 mm	L2 mm	D1 mm	D2 mm	Contact screws pcs	Size of headpiece mm
2403512	FVPSG 25-35/12	13	60	30	24	12.8	1	13
2403516	FVPSG 25-35/16	17	60	30	24	12.8	1	13
2415012	FVPSG 35-150/12	13	86	35	28	15.8	1	17
2415016	FVPSG 35-150/16	17	86	35	28	15.8	1	17
2424012	FVPSG 95-240/12	13	112	60	33	20	2	19
2424016	FVPSG 95-240/16	17	112	60	33	20	2	19
2430012	FVPSG 120-300/12	13	115	65	37	24	2	22
2430016	FVPSG 120-300/16	17	115	65	37	24	2	22
2440012	FVPSG 185-400/12	13	137	80	42	25.5	3	22
2440016	FVPSG 185-400/16	17	137	80	42	25.5	3	22
2463012	FVPSG 500-630/12	13	150	95	50	33	3	27
2463016	FVPSG 500-630/16	17	150	95	50	33	3	27

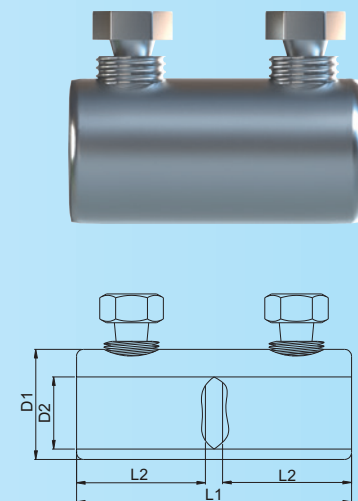


Used for terminating Al and Cu cables in low-voltage and middle-voltage networks. Body of the lug and the body of the moment screw are made of strong aluminium alloy. The force of tightening is regulated by the moment screw, and there fore secures good electrical connection. The screws can't be removed after their headpiece falls off.

## CONNECTORS WITH MOMENT SCREWS

FemaN

Code number	Designation mm <sup>2</sup> /Screw M	d1 mm	L1 mm	L2 mm	D1 mm	D2 mm	Contact screws pcs	Size of headpiece mm
2470035	FVCSG 25-35 B	yes	45	20	19	8.5	2	10
2470095	FVCSG 25-95 B	yes	65	30	24	12.8	2	13
2480095	FVCSG 25-95	no	65		24	12.8	2	13
2470150	FVCSG 35-150 B	yes	80	35	28	15.8	2	17
2480150	FVCSG 35-150	no	80		28	15.8	2	17
2470240	FVCSG 95-240 B	yes	125	60	33	20	4	19
2480240	FVCSG 95-240	no	125		33	20	4	19
2470300	FVCSG 120-300 B	yes	140	65	37	24	4	22
2480300	FVCSG 120-300	no	140		37	24	4	22
2470400	FVCSG 185-400 B	yes	170	80	42	25.5	6	22
2480400	FVCSG 185-400	no	170		42	25.5	6	22
2470500	FVCSG 500 B	yes	190	90	46	30	6	27
2480500	FVCSG 500	no	190		46	30	6	27
2470630	FVCSG 630 B	yes	200	95	50	33	6	27



Used for connection of Al-Al, Cu-Cu, and Al-Cu cables in low-voltage and middle-voltage networks. Body of the connector and the body of the moment screw are made of strong aluminium alloy. The force of tightening is regulated by the moment screw, and there fore secures good electrical connection. The screws can't be removed after their headpiece falls off.

- RING TONGUE INSULATED CABLE TERMINALS - DIN 46237	1
- SPADE TONGUE INSULATED CABLE TERMINALS - DIN 46234	1
- SPADE TONGUE NON-INSULATED CABLE TERMINALS - DIN 46234	1
- PIN TYPE INSULATED CABLE TERMINALS - DIN 46234	2
- PIN TYPE NON-INSULATED CABLE TERMINALS - DIN 46234	2
- INSULATED PIG TAIL TERMINALS FOR MULTI-WIRE CONDUCTORS - DIN 46228	2
- NON-INSULATED MULTI-WIRE TERMINALS - DIN 46228	2
- INSULATED BUTT CONNECTORS FOR EXTENDING CABLES	2
- INSULATED CRIMPED MULTI-WIRE CONNECTORS	2
- INSULATED SCREW-ON WIRE CONNECTORS	3
- CONNECTOR FOR BRANCHING AND CONNECTING MULTI-WIRE CABLES	3
- FULLY INSULATED MULTI-WIRE CONNECTOR - FEMALE	3
- FULLY INSULATED MULTI-WIRE CONNECTOR - MALE	3
- FAST-ON INSULATED CABLE TERMINAL - FEMALE	3
- FAST-ON INSULATED CABLE TERMINALS - FEMALE WITH MALE ADDITION	4
- FAST-ON NON-INSULATED CABLE TERMINALS - FEMALE	4
- FAST-ON NON-INSULATED CABLE TERMINALS - OPEN FEMALE	4
- FAST-ON INSULATED CABLE TERMINALS - MALE (DIN 42245)	4
- FAST-ON NON-INSULATED CABLE TERMINALS - MALE	4
- INSULATED CABLE TERMINAL SETS	4
- NON-INSULATED COPPER CABLE TERMINALS FOR SOLDERING AND CRIMPING	5
- COPPER BARREL-TYPE TERMINALS FOR CRIMPING	6
- COPPER BARREL-TYPE TERMINALS FOR CRIMPING	7
- BOLT-ON CABLE TERMINALS	8
- ALUMINUM-COPPER CABLE TERMINALS FOR CRIMPING	8
- ALUMINUM CABLE TERMINALS FOR CRIMPING - DIN 48201	8
- WATERPROOF COPPER TERMINALS (FORGED)	9
- WATERPROOF ALUMINUM-COPPER BI-METAL TERMINALS	9
- ALUMINUM AND COPPER TERMINALS FOR DISCONNECTS	9
- WATERPROOF ALUMINUM TERMINALS (FORGED)	10
- WATERPROOF ALUMINUM-COPPER BI-METAL CONNECTORS	10
- WATERPROOF ALUMINUM-COPPER BI-METAL PINS	10
- COPPER CONNECTOR FOR CRIMPING (DIN 46267)	11
- ALUMINUM CRIMPED REDUCING CONNECTOR	11
- ALUMINUM CRIMPED CONNECTOR	12
- ALUMINUM "SIME" CONNECTOR (10, 20 i 35 kV)	12
- ALUMINUM "SIME" REDUCING CONNECTOR (10, 20 i 35 kV)	12
- COMPRESSION JOINT CONNECTORS FOR EXTENDING SUPPORT CABLES	13
- CONNECTOR (PIN) FOR KGTs-10	13
- THREADED ALUMINUM CONNECTORS	13
- THREADED COPPER CONNECTORS	13
- ALUMINUM COMPRESSION JOINT CONNECTORS	14
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- CURRENT CLAMP	14
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- ALUMINUM SERRATED CLAMP	15
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FemaN is the largest producer of cable splicing equipment, electrical material, tools and gear for cables in the Balkans.

The founder, owner and director is engineer Miodrag Nikolić, whose leadership abilities, work and investment have contributed to FemaN's development into a mid-sized firm, with over 300 employees and a wide assortment of over 2000 high quality products. On a total area of 16,000 m<sup>2</sup> these products are made in up-to-date equipped departments: research and development of products, foundry, smithy, locksmith, press, plastic extrusion, lathe and milling processing, paint shop, galvanization, tool shop and installation.

Our business motto "Quality above all", is proven by the large number of prizes and awards, both at domestic and international fairs.

Taking on new products, their development and permanent improvement is led by a group of verified experts with a variety of profiles. All products are made in accord with JUS, IEC, VDE and NFC standards, and the firm has had the standard of ISO 900 ever since 1996.

All of our products pass through the required testing and approval, and a certain number, from every series, is tested in our internal laboratory, to ascertain that the final user always receives a high quality and safe product that is quickly and easily installed.

Thanks to this high quality, that has become a synonym for FemaN products, our sales network has spread to all 5 continents, so that our equipment has found buyers in far-off Australia.

Try us and you will believe in the truth of our motto.

**FemaN**  
**JAGODINA**  
 Factory of cable accessories,  
 electro material, tools and equipment