

- Welding connectors
- Electrode holder
- Welding tongs
- Welding cables

## Welding products



## Welding plug connectors



Amp.	For cable dimension	Diameter of pin	Type	EDP-No.	Product-ID-No.
200A	10-25 sqmm	9 mm	plug	11893	60025
400A	35-50 sqmm	13 mm	plug	11896	60050
500A	50-70 sqmm	13 mm	plug	11899	60070
600A	70-95 sqmm	13 mm	plug	11902	60095



Amp.	For cable dimension	Diameter of pin	Type	EDP-No.	Product-ID-No.
over 600A	95-120 sqmm	15 mm	high current plug	11892	600120



Amp.	For cable dimension	Diameter of pin	Type	EDP-No.	Product-ID-No.
200A	16-25 sqmm	9 mm	built-in plug	20348	62025
400A	35-50 sqmm	13 mm	built-in plug	20347	62050
500A	50-70 sqmm	13 mm	built-in plug	20349	62070



Amp.	For cable dimension	Diameter of pin	Type	EDP-No.	Product-ID-No.
over 600A	95-120 sqmm	15 mm	built-in high-current plug	11956	620120



Amp.	For cable dimension	Diameter of pin	Type	EDP-No.	Product-ID-No.
500A	50-70 sqmm	13 mm	built-in plug with cover	11961	62350
600A	70-95 sqmm	13 mm	built-in plug with cover	11962	62370

### Design:

All welding cable plugs are all-rubber insulated and have a full-brass rotatable cone connector. Clamptype bush of tin-plated copper with clamp screw. All 600A connections have two screws.

## Welding socket connectors



Amp.	For cable dimension	Diameter of drilled hole for pin	Type	EDP-No.	Product-ID-No.
200A	10-25 sqmm	9 mm	socket	11904	60125
400A	35-50 sqmm	13 mm	socket	11905	60150
500A	50-70 sqmm	13 mm	socket	11907	60170
600A	70-95 sqmm	13 mm	socket	11909	60195



Amp.	For cable dimension	Diameter of drilled hole for pin	Type	EDP-No.	Product-ID-No.
over 600A	95-120 sqmm	15 mm	high current socket	11903	601120



Amp.	For cable dimension	Diameter of drilled hole for pin	Type	EDP-No.	Product-ID-No.
200A	16-25 sqmm	9 mm	built-in socket	20344	60225
400A	35-50 sqmm	13 mm	built-in socket	20345	60250
500A	50-70 sqmm	13 mm	built-in socket	20346	60270



Amp.	For cable dimension	Diameter of drilled hole for pin	Type	EDP-No.	Product-ID-No.
over 600A	95-120 sqmm	15 mm	built-in high current socket	11910	602120



Amp.	For cable dimension	Diameter of drilled hole for pin	Type	EDP-No.	Product-ID-No.
500A	50-70 sqmm	13 mm	built-in socket with cover	11943	61350
600A	70-95 sqmm	13 mm	built-in socket with cover	11944	61370

# Welding tools and junction boxes for welding cable connections

## Electrode holders

Made for welding currents of 300-600A. Supplied with inside clamp type bushes of tin-plated copper and screws. The insulated shells can be unscrewed and are available as spare parts.



EDP-No.: 83004  
Prod ID-No.: 610.M25

EDP-No.: 11932  
Prod ID-No.: 612



EDP-No.: 48046  
Prod ID-No.: 604.N

Ampere	Weight	Type	EDP-No.	Product-ID-No.
300/400A	app. 420 gr.	electrode holder for stick electrodes 2,5-6 mm	83004	610.M25
300/400A	app. 560 gr.	electrode holder with turnable head for stick electrodes 6 mm	11932	612
600A	app. 480 gr.	electrode holder for stick electrodes 2,5-6 mm	48046	604.N

## Welding tongs

EDP-No.: 60489

EDP-No.: 11922



EDP-No.: 34280

EDP-No.:34214

Ampere	Weight	Type	EDP-No.	Product-ID-No.
150A	app. 200 gr.	Welding tongs chromium plated with copper jaws and M8-clamp type cable plug for 50sqmm	34280	608.ERDKLEMME.150A
160A	app. 220 gr.	Welding tongs of refined iron with copper jaws M8 clamp type socket for 50 sqmm	60489	608.ERDKLEMME.160A. INOX
600A	app. 300 gr.	Welding tongs with 2 brass jaws connected by a strong, braided copper band. Connecting screw M12 for cable connections up to 120sqmm. The insulated suspension of the steel spring prevents burn-out and weakening.	11922	605
600A	app. 900 gr.	Brass welding tongs with spindle-shaped lever, for cable connections up to 120sqmm.	34214	607.ERDKLEMME.600A



## All-rubber junction boxes for welding cable connections.

**Feeding:** 2/cable glands M25  
**Fitting:** 2/built-in (welding) sockets 61370  
**Outlet:** 2/cable glands M25  
**Extras:** engraving on request

Type	EDP-No.	Product-ID-No.
Welding box Model 7350	47506	7350.2x61370.4M25

# Welding cables



## GIFAFLEX welding cables

assure the mobility of the electrode holder in every work position. Flexibility and softness are obtained by the single strand diameter of 0,07 mm and the special system of stranding as well as by the flexible rubber tube covering which ensures free mobility of the strands. The amplified surface provided by the many individual strands (e.g. 70A 18228 strands) allows a quick release of heat and therefore a better utilisation of the different cable dimensions. Therefore the Gifaflex welding cords are frequently used in cases of critical welding. The cords are only available in 3m or 5m length. As the cables are handmade they are only available with a maximum length of 7 m.

Dimension	Number and diameter of strands	app. outside-Ø (mm)	EDP-No.	Product-ID-No.	EDP-No.	Product-ID-No.
			3 m	3 m	5 m	5 m
35 sqmm	9260 x 0,07 mm	18,0	26657	46635.3	26658	46635.5
50 sqmm	13060 x 0,07 mm	19,0	26022	46650.3	26023	46650.5
70 sqmm	18228 x 0,07 mm	22,0	26024	46670.3	26025	46670.5



## Welding cords fitted with electrode holder and welding plug

Dimension	Ampere	EDP-No.	Prod.-ID-No.	EDP-No.	Prod.-ID-No.
		3 m	3 m	5 m	5 m
35 sqmm	400 A	25485	614335.M25	25540	614535.M25
50 sqmm	400 A	25200	614350.M25	25541	614550.M25
	400 A	48566	604N350.PG21	48567	604N550.PG21
70 sqmm	600 A	48569	604N370.PG21	48570	604N570.PG21



## GIFAS Radaflex welding cables

Composed of a combined insulation and covering system of PVC and Radaflex. The PVC insulation is responsible for a high resistance to disruptive strength, while the Radaflex elastomer prevents corrosion of the copper strands. By an exclusive NBR- mixture we achieve excellent qualities, such as extraordinary toughness, high elasticity (also at lower temperatures), resistance against abrasion and fuels, oils and the most widely used solvents. GIFAS Radaflex welding cables withstand a constant conductor temperature of up to 80° C without their outstanding properties being diminished. Also suitable as defrosting cable.

Similar to NSLFFÖU according to VDE 0250/3.690.

Dimension	Number and diameter of strands	app. outside-Ø (mm)	EDP-No.	Prod.-ID-No.
16 sqmm	513 x 0,20 mm	10,0	11708	47716
25 sqmm	783 x 0,20 mm	11,5	11709	47725
35 sqmm	1107 x 0,20 mm	12,5	11710	47735
50 sqmm	1566 x 0,20 mm	14,5	11711	47750
70 sqmm	2214 x 0,20 mm	17,0	11712	47770



## Extension cords with welding plug and welding socket connectors

Dimension	EDP-No.	Prod.-ID-No.	EDP-No.	Prod.-ID-No.	EDP-No.	Prod.-ID-No.
	10 m	10 m	15 m	15 m	20 m	20 m
25 sqmm	25466	10.725.25	25489	15.725.25	25490	20.725.25
35 sqmm	25468	10.735.50	25491	15.735.50	25492	20.735.50
50 sqmm	25469	10.750.50	25494	15.750.50	25495	20.750.50
70 sqmm	25470	10.770.70	25496	15.770.70	25497	20.770.70



## Ground cords with welding tongs and welding plug

Dimension	EDP-No.	Prod.-ID-No.	EDP-No.	Prod.-ID-No.	EDP-No.	Prod.-ID-No.
	3 m	3 m	5 m	5 m	10 m	10 m
16 sqmm	25381	605.3.716.25	25383	605.5.716.25	25384	605.10.716.25
25 sqmm	25464	605.3.725.25	25387	605.5.725.25	25388	605.10.725.25
35 sqmm	25389	605.3.735.50	25385	605.5.735.50	25391	605.10.735.50
50 sqmm	25392	605.3.750.50	25393	605.5.750.50	25394	605.10.750.50
70 sqmm	25396	605.3.770.70	25397	605.5.770.70	25398	605.10.770.70



# Welding Junction Boxes Rising Mains

