

Reliability and quality for professionals

Reliability and
Quality



Custom made solutions

Welding cable plugs and couplings

Advantages of GIFAS plug connections

Plug with robust rotary cone made from solid brass. Screw-fit connection with tin-plated soft copper split taper socket. Bayonet closure turning to the right.

Plug connections for cable cross-sections 95 – 120 qmm

(see photo) are also fitted with insulating safety collars. High operational safety and optimum protection of systems and the surrounding area are some of the primary benefits.



Welding cable plugs

Order no.	GIFAS type	Ampere	for cable cross-section qmm	Pin / cross-section	Version
103587	60025	200	10 – 25	9 mm	Plug
103597	60035	300	16 – 35	12 mm	Plug
103612	60050	400	35 – 50	12 mm	Plug
103660	60070	500	50 – 70	12 mm	Plug
103689	60095	600	70 – 95	12 mm	Plug with double clamp connection
103586	600120	600	95 – 120	15 mm	Plug with double clamp connection



Welding cable couplings

Order no.	GIFAS type	Ampere	for cable cross-section qmm	Pin / cross-section	Version
103712	60125	200	10 – 25	9 mm	Coupling
103714	60150	400	35 – 50	12 mm	Coupling
103719	60170	500	50 – 70	12 mm	Coupling
103721	60195	600	70 – 95	12 mm	Coupling with double clamp connection
103711	601120	600	95 – 120	15 mm	Coupling with double clamp connection

Other versions available on request

Features of GIFAS plug connections

- Resistant to oil and acid
- Resistant to aging
- Impact-resistant
- Heat-resistant
- Self-extinguishing
- High insulation strength
- Practical and reliable
- Safe, rapid connection
- Clamping range designed for two cable dimensions
- Compatible with standard manufacturers

Built-in plugs and built-in sockets for welding

Built-in plugs and built-in sockets

These built-in plugs are ideal for supplying permanently fixed installation components. Like the built-in sockets, these parts are also insulated and can be installed in frontages made from metal or insulating material. Designed conforming to standards CEI 26.10 and CEI 26.11. Depending on the application, built-in sockets with or without covers are available. These very robust built-in parts are suitable for installation in any equipment. Designed conforming to standards CEI 26.10 and CEI 26.11.



Built-in welding plugs

Order no.	GIFAS type	Ampere	for cable cross-section qmm	Connecting screws
103864	62025	200	10 – 25 qmm	M 8
103865	62050	400	35 – 50 qmm	M 10
103866	62070	500	50 – 70 qmm	M 12
103862	620120	600	95 – 120 qmm	M 16

Built-in welding plug with cover

Order no.	GIFAS type	Ampere	for cable cross-section qmm	Connecting screws
103869	62370	500	50 – 70 qmm	M 10
103871	62395	600	70 – 95 qmm	M 12
103870	62370/V	500	50 – 70 qmm	M 10
103872	62395/V	600	70 – 95 qmm	M 12



Built-in welding sockets

Order no.	GIFAS type	Ampere	for cable cross-section qmm	Connecting screws
103726	60225	200	10 – 25 qmm	M 8
103728	60250	400	35 – 50 qmm	M 10
103730	60270	500	50 – 70 qmm	M 12
103724	602120	600	95 – 120 qmm	M 16

Built-in welding sockets with cover

Order no.	GIFAS type	Ampere	for cable cross-section qmm	Connecting screws
103848	61370	500	50 – 70 qmm	M 8
103850	61395	600	70 – 95 qmm	M 10
103849*	61370/V	500	50 – 70 qmm	M 12
103851*	61395/V	600	70 – 95 qmm	M 16

Built-in plugs and built-in sockets with covers

The dust-proof cover prevents accidental contact with any conductive connections. It protects the high quality cone contacts against dust and accidental contact. * Can be locked using a screw.

Welding accessories

Electrode holder with clip jaw

Both models have 7 holder positions for the electrode. This eases work in difficult situations. The insulated holders are lightweight and unbreakable. They are reliable for practical usage. The high quality guarantees a long service life. Design conforms to standard CEI 26-8.

Electrode holder with rotary switch

This easy-to-use electrode holder has an efficient rotary switch. Design conforms to standard CEI 26-8.



Electrode holder with clip jaw

Order no.	GIFAS type	Electrode diameter	Ampere
103852	614	2,5 - 5,5	400
103738	604	2,5 - 6,0	600

Features

- Fully insulated
- Heat-resistant covering
- Body in bronze with copper component
- Replaceable clip jaw
- Rapid connection



Electrode holder with rotary switch

Order no.	GIFAS type	Electrode diameter	Ampere
103732	603	2,5 - 5,5	400
103722	602	2,5 - 6,0	600

Features

- Fully insulated
- Heat-resistant covering
- Body in brass
- Round handgrip
- Rapid connection
- Working angle 105°

Earthing clip

Made from electrolytically zinc-plated steel plate with insulating spring. The brass contacts are connected via a high-flexibility copper strand.

Pole magnet

Three different magnet strengths are available for different welding currents. The magnetic plates permit adhesion on both sides.

Hand screw clamp

These hand screw clamps made from solid cast brass with screw closure provide optimum brass connection.



Earthing clip

Order no.	GIFAS type	Input	Output
103746	605	600	Earthing clip without cable lug
103747	6051	600	Cable lug for item no. 103746



Pole magnet

Order no.	GIFAS type	Ampere	for cable cross-section qmm	Adhesive force
79 100241	6125	200	16 – 25 qmm	15 – 20
79 103857	6150	300	35 – 50 qmm	30 – 35
79 103860	6170	400	50 – 70 qmm	45 – 50



Hand screw clamp

Order no.	GIFAS type	Ampere	Cable cross-section
79 129719	61525	200	16 – 25 qmm
79 206942	61550	300	35 – 50 qmm
79 208600	61570	400	50 – 70 qmm

GIFAS super flexible welding lines and extensions

GIFAS super flexible welding lines

The lines guarantee maximum mobility thanks to the highly flexible strand braiding freely positioned in the tube-type rubber casing.



GIFAS super flexible welding line

Features

- As a supply line to the electrode holder
- For especially flexible guidance
- For welding work across extended periods
- Where heat carry-off is important
- High mechanical strength
- Maximum pressure and loading strength
- Resistant to tearing and breaking
- Resistant to impact and bending
- Resistant to virtually all grease and oil
- Self-extinguishing, even in a shower of welding sparks

Order no.	GIFAS type	Length / m	Cross-section	Cu conductor Number of wires	Approx. outer diameter	Approx. weight kg/km	Current carrying capacity - duty cycle			
							100%	85%	60%	30%
129523	46635/03	3	35 qmm	9260x0.07 mm	16,5	500	160A	170A	200A	290A
129524	46635/05	5	35 qmm	9260x0.07 mm	16,5	500	160A	170A	200A	290A
129526	46650/03	3	50 qmm	13060x0.07 mm	23,6	750	200A	220A	250A	360A
129527	46650/05	5	50 qmm	13060x0.07 mm	23,6	750	200A	220A	250A	360A
129528	46670/03	3	70 qmm	18228x0.07 mm	28,0	1000	260A	285A	325A	468A
129529	46670/05	5	70 qmm	18228x0.07 mm	28,0	1000	260A	285A	325A	468A



GIFAS super flexible welding extension

Order no.	GIFAS type	Length / m	Cross-section
231978	60050/60150/03/46635	3	35 qmm
122376	60050/60150/03/46635	5	35 qmm
231980	60070/60170/03/46650	3	50 qmm
103666	60070/60170/03/46650	5	50 qmm
231981	60095/60195/03/46670	3	70 qmm
231983	60095/60195/03/46670	5	70 qmm

GIFAS welding fittings with super flexible welding lines

Gifas super flexible welding lines

Gifas super flexible welding lines guarantee maximum mobility of the electrode holder.

This is achieved by the highly flexible strand braiding which is freely positioned in the tube-type rubber casing.



GIFAS super flexible welding line, fully fitted with electrode holder and welding cable plug

Order no.	GIFAS type	Length / m	Ampere	Cross-section
231938	60050/614/03/46635	3	400	35 qmm
231939	60050/604/03/46650	3	500	50 qmm
231940	60070/604/03/46670	3	600	70 qmm

GIFAS super flexible welding line, fully fitted with rotary switch electrode holder and welding cable plug

Order no.	GIFAS type	Length / m	Ampere	Cross-section
231941	60050/603/03/46635	3	400	35 qmm
231948	60070/602/03/46650	3	500	50 qmm
231958	60095/602/03/46670	3	600	70 qmm

GIFAS super flexible welding line, fully fitted with pole magnet and welding cable plug

Order no.	GIFAS type	Length / m	Ampere	Cross-section
202742	60050/6150/03/46635	3	300	35 qmm
231963	60070/6170/03/46650	3	400	50 qmm

GIFAS super flexible welding line, fully fitted with hand screw clamp and welding cable plug

Order no.	GIFAS type	Length / m	Ampere	Cross-section
231964	60050/61550/03/46635	3	300	35 qmm
231977	60070/61570/03/46650	3	400	50 qmm

Other designs and lengths on request

Note

All designs also available with GIFAS flexible welding line!

Also available with earthing clip and cable lug!

GIFAS welding products offer the perfect solution for fitting out your welding workplace.

All products in the welding articles range offer a long service life and ensure a high level of reliability in usage.

In this product range especially, you benefit from the considerable experience within the GIFAS group. For over 30 years, high quality GIFAS welding items have been proving their worth in many applications, such as in shipyards and heavy industry.

GIFAS flexible welding lines and extensions

GIFAS flexible welding lines

GIFAS flexible welding lines consist of a combined insulation and casing system. The casing with the special durable elastomer resistant to oil, heat and friction ensures a high level of elastic strength. The GIFAS flexible welding elastomer prevents corrosion of the copper wires. GIFAS flexible welding line is an exclusive NBR mixture with excellent properties unique to these elastomers.



GIFAS flexible welding line

Features

- Exceptionally tough
- Elastic and flexible
- Resistant to abrasion
- Resistant to petrol, oil and common solvents
- Constant conductor temperature up to 80°C possible, with no loss of the outstanding properties

Order no.	GIFAS type	Cross-section	Cu conductor Number of wires	Approx. outer diameter	Approx. weight kg/km	Current carrying capacity - duty cycle			
						100%	85%	60%	30%
103075	47716	16 qmm	504 x 0.21 mm	10,5	247	135A	145A	175A	245A
103076	47725	25 qmm	770 x 0.21 mm	12,5	340	180A	165A	230A	330A
103077	47735	35 qmm	1083 x 0.21 mm	13,5	460	225A	245A	290A	410A
103078	47750	50 qmm	1558 x 0.21 mm	15,0	606	285A	310A	370A	520A
103079	47770	70 qmm	2204 x 0.21 mm	18,0	860	355A	385A	460A	650A



GIFAS flexible welding extension with plug and coupling

Order no.	GIFAS type	Length / m	Cross-section
231984	60025/60125/03/47725	3	25 qmm
203815	60025/60125/03/47725	5	25 qmm
210034	60050/60150/03/47750	3	50 qmm
127852	60050/60150/03/47750	5	50 qmm
231985	60070/60170/03/47770	3	70 qmm
119764	60070/60170/03/47770	5	70 qmm
231986	60095/60195/03/47795	3	95 qmm

Other designs and lengths on request

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Contact us



We look forward to become acquainted with you personally!

Custom made solutions

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