

«Railway» hard rubber connection boxes

As a material, rubber has outstanding properties with regard to mechanical and electrical resistance! Our rubber housings have also been used in rail safety technology and its infrastructure for many years now. Our products are primarily used in the challenging fields of signalling, monitoring and control, e.g. for point heating.

Point heating connection boxes, signal connection boxes and mast connection boxes – top quality from the GIFAS production line! Fulfilment of the requisite international standards is always of utmost importance to us.

(e.g. European Train Control System ETCS, Level 1)



Other fitting options on request.
V0923 We reserve the right to make technical modifications.

«Railway» hard rubber connection boxes



Signal connection box
Type 2518



Signal connection box
Type 2612



Signal connection box
Type 2712

Version	<ul style="list-style-type: none"> - Vibration absorbing hard rubber material with integrated hard rubber fitting blocks - No condensation in case of strong temperature fluctuations - Resistant against showers of emitted sparks - Non-corroding - High resistance against UV radiation, ozone and atmospheric conditions - Yellow hinged covers of high quality plastic material equipped with integrated seal and non-slip ribbing. - The locking plugs are easily released only by using an appropriate tool and 1/4-turn. The locking plugs are fitted with weather resistant gaskets between cover and external locking box. - High voltage dielectric strength according to standard IEC 60243 - Certificated dielectric strength 7 KV/mm (up to 70 KV possible with our housing) 		
Material	Break-proof, impact resistant housing of vulcanized hard rubber		
Dimensions (mm)	324 x 229 x 120	320 x 150 x 85	320 x 150 x 116
Weight (kg)	3.2	1.9	2.3
Halogen	halogen-free	halogen-free	halogen-free
Silicone	free of silicone	free of silicone	free of silicone
Glow wire test	IEC 60695-2-1 with 960°C (certificated)	IEC 60695-2-1 with 960°C (certificated)	IEC 60695-2-1 with 960°C (certificated)
Needle flame test	DIN EN 60695-11-5; 2005-11	DIN EN 60695-11-5; 2005-11	DIN EN 60695-11-5; 2005-11
Type of protection	IP65	IP65	IP65
Impact Proof	IK10	IK10	IK10
Protection class	II	II	II
Equipment	<ul style="list-style-type: none"> - 2 external locking blocks - 2 locking plugs - 1 cone-shaped cable gland (PG29), closed with blind discs and incl. excisable sealing ring - 4 cone shaped cable glands PG21, 3 of them closed with blind discs with excisable sealing ring - 2 aluminium buses prepared for mounting 2 STV2/10 each 	<ul style="list-style-type: none"> - 3 cone shaped cable glands PG21, 2 of them closed with blind discs with excisable sealing ring - 1 aluminium buse prepared for mounting 2 STV2/10 	<ul style="list-style-type: none"> - 3 cone shaped cable glands PG21, 2 of them closed with blind discs with excisable sealing ring - 1 aluminium buse prepared for mounting 2 STV2/10
Cover Labelling	<ul style="list-style-type: none"> - 2 open-close at each locking plug - 2 drilled holes for mounting on conventional pedestals are provided on the bottom side of the housing. 	<ul style="list-style-type: none"> - 2 open-close at each locking plug - 2 drilled holes for mounting on conventional pedestals are provided on the bottom side of the housing 	<ul style="list-style-type: none"> - 2 open-close at each locking plug - 2 drilled holes for mounting on conventional pedestals are provided on the bottom side of the housing
Item no.	168204	168205	152586

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«Railway» hard rubber connection boxes



Connection box
Type 2612



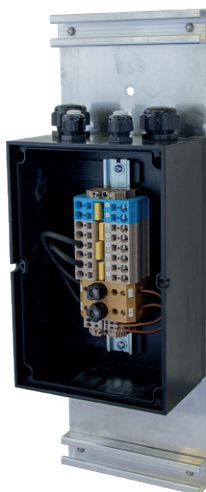
Point heating
connection box
Type 6400



Point heating sensor box
Type 6400

Version	<ul style="list-style-type: none"> – Vibration absorbing hard rubber material with integrated hard rubber fitting blocks – No condensation in case of strong temperature fluctuations – Resistant against showers of emitted sparks – Non-corroding – High resistance against UV radiation, ozone and atmospheric conditions – Yellow hinged covers of high quality plastic material equipped with integrated seal and non-slip ribbing. – The locking plugs are easily released only by using an appropriate tool and 1/4-turn. The locking plugs are fitted with weather resistant gaskets between cover an external locking box. – High voltage dielectric strength according to standard IEC 60243 – Certificated dielectric strength 7 KV/mm (up to 70KV possible with our housing) 		
Material	Break-proof, impact resistant housing of vulcanized hard rubber		
Dimensions (mm)	320x150x85	342x279x177	342x279x177
Weight (kg)	2.0	4.6	4.4
Halogen	halogen-free	halogen-free	halogen-free
Silicone	free of silicone	free of silicone	free of silicone
Glow wire test	IEC 60695-2-1 with 960°C (certificated)	IEC 60695-2-1 with 960°C (certificated)	IEC 60695-2-1 with 960°C (certificated)
Needle flame test	DIN EN 60695-11-5; 2005-11	DIN EN 60695-11-5; 2005-11	DIN EN 60695-11-5; 2005-11
Type of protection	IP65	IP65	IP65
Impact Proof	IK10	IK10	IK10
Protection class	II	II	II
Equipment	<ul style="list-style-type: none"> – 1 cable gland (PG40), closed with blind discs and incl. sealing ring – 1 terminal block 	<ul style="list-style-type: none"> – 3 external locking blocks – 3 locking plugs – 2 cable glands M32 with blind discs – 4 cable glands M20 with dummy discs 	<ul style="list-style-type: none"> – 2 external locking blocks – 3 locking plugs – 2 cable glands M16
Cover Labelling	<ul style="list-style-type: none"> – 2 open - close at each locking plug – 2 drilled holes for mounting on conventional pedestals are provided on the bottom side of the housing 	<ul style="list-style-type: none"> – 1 electric lighting sign black in black triangle on yellow background – 1 point heating – 3 open-close at each locking plug 	<ul style="list-style-type: none"> – 1 electric lighting sign black in black triangle on yellow background – 1 point heating – 3 open-close at each locking plug
Item no.	168207	168201*	168203*

Mast connection box



**Mast connection box 58
Type 300**

Dimensions (mm)	600 x 200 x 129
Weight (kg)	5.2
Equipment	<ul style="list-style-type: none"> – 2x M20 with locking plug – 2x M32, 1 therefrom with locking plug – 2 fuses D01-6A
Item no.	168208

