

Data sheet



► GST 18i3 ► Connector ► Spring-loaded connection

Product line GST 18i3. Connectors with strain relief for preparation by the customer. 2 connections per pole via Spring-loaded. Suitable for th connection of finely stranded conductors of mm² to mm² mm² with ferrules, rigid conductors of 1.5 to 1.5 mm². unassembled with strain relief for cables H05VV, NYM with a diameter of 7.8 to 10.3 mm. Sheath strip length: 45 mm, insulation strip length: 9 9. Spring-loaded connections are supplied with a without locking device.



Part number	Application	Connection	Coding	Code colour	Housing colour	Box quantity	Price
92.933.0053.1	Mains with PE	Socket component		black	black	50	on request
92.933.0053.0	Mains with PE	Socket component		white	white	50	on request
92.933.0153.0	Mains with PE	Socket component		pebble grey	black	50	on request
92.933.0553.0	Mains with PE	Socket component		bright red	black	50	on request
92.933.0453.0	Switching applications without PE	Socket component		brown	black	50	on request

FIO 4712328 = 92.933.0053.1

Product family	GST 18i3
Primary application	Mains with PE
Number of poles for primary application	3
Number of poles for mains	3
Rated voltage for mains	250 V
Rated current for mains	16 A
Impulse voltage withstand level	4 kV
Pole designation	L PE N

Connection data

Connection type 1	Spring-loaded
Connections per pole	2
Min. cable cross-section for finely stranded (primary application)	1.5 mm ²
Max. cable cross-section for finely stranded (primary application)	1.5 mm ²
Min. cable cross-section for single-core (primary application)	1.5 mm ²
Max. cable cross-section for single-core (primary application)	2.5 mm ²
Sheath strip length for primary application	45 mm
Insulation strip length for primary application	9 mm
Insulation strip length 1.5mm ²	8 mm
Insulation strip length 2.5mm ²	9 mm
Volume resistance	0.8 mOhm

Cables

Strain relief	Yes
Cable type Strain relief Catalog	H05VV, NYM
Min. cable diameter	7.8 mm
Max. cable diameter	10.3 mm

Plug-in connection

Connection cycles	approx. 50 - 100 connections with 16 A (resistive load)
Insertion force	approx. 30 - 40 N
Withdrawal force	approx. 20 - 30 N

Materials

Material for insulating parts	thermoplastic material, halogen-free
Material for contact parts	brass with nickel plating

Fire load

Fire load	0.11 kWh
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Environmental conditions

Continuous temperature of insulating part

100 °C

Environmental conditions

Degree of pollution 2

Norms

Regulations

DIN VDE 0628

Type of protection

IP 20

Additional info

Lockable

Yes

Locking device

without locking device

Type of installation

unassembled

Additional info

Other cables and cable cross-sections available on request

Cross-reference

- A locking device should be provided to comply with certification according to VDE 0628.

CAD drawing

