

## Data sheet

Commercial Art.No.: 99.433.5802.2

Connector GST18I3S B1NZR2A MGR01

Connector GST18I3, 3 pole, female, screw connection, high version, 250V/20 A, color of coding: pebble gray, color of housing: black



Commercial Art.No.	99.433.5802.2
EAN	4015573646407
Order Unit	1

## Technical data

### General

Rated current	20 A
Rated voltage	250 V
Rated impulse voltage	4 kV
strain relief	yes
Pollution degree	2
Mechanical coding	Code 2
Lockable	self-locking (unlocking by tool)
Color of coding/ contact carrier	pebble grey
Marking of poles	L, N, PE
Color of housing inclusive strain relief	black

### Connection Data

Cable diameter max.	11.3 mm
Cable diameter min.	8.3 mm
Connection cross section solid mm <sup>2</sup> max.	2.5 mm <sup>2</sup>
Connection cross section solid mm <sup>2</sup> min.	0.5 mm <sup>2</sup>
Connection cross section fine stranded mm <sup>2</sup> max.	2.5 mm <sup>2</sup>
Connection cross section fine stranded mm <sup>2</sup> min.	0.5 mm <sup>2</sup>
Terminations per pole	1
sheath strip length	35 mm
Wire strip length	7 mm

### Model

Model	female
Connection type	screw connection
Degree of protection (IP)	IP20

### Material

Housing material	Polyamide
halogen free	yes
Contact material	CuZn
Fire load	0.112 kWh
Insulation components continuous temperature	100 °C

Surface finish	Tin-plated
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#### Dimensions

Length	54.7 mm
Width	28.2 mm
Height	25.2 mm

#### Classification

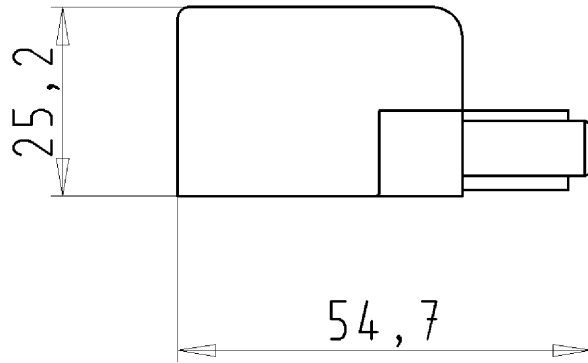
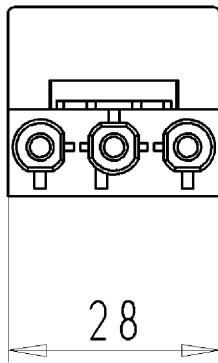
ECLASS 11	
ECLASS 8.1	27440605
ETIM 7.0	EC002560
ETIM 6.0	EC002560
ETIM 5.0	EC002560
ETIM 4.0	EC002560

#### Product compliance

ROHS conformity status	Compliant/Exempted
ROHS exceptions	III-6(c)
REACH-SVHC conformity status	Duty-To-Declare
REACH-SVHC substances	Lead
REACH-SVHC CAS numbers	7439-92-1

#### Accessories

Commercial Art.No.:	Article-type description:	Description:
05.587.3156.0	Lock (G)ST18 WS	Locking device for cable to cable connection GST18i3-5, white
06.561.7853.0	mounting frame GST18i3 SW	Mounting frame to snap in GST18i3 connectors into a housing or furniture. Wall thickness: 1,5-2,5 mm. Holds GST18i3 connectors with screw or spring connection and pre- assembled cables.
05.561.3653.0	cover cap GST18i3VS B WS	Cover piece for female GST18i3, white
05.561.3653.1	cover cap GST18i3VS B SW	Cover piece for female GST18i3, black
05.564.5353.0	cover cap GST18i3/4/5 SW	Cover piece 12 pole black for female parts GST18i3-6
05.564.5353.2	cover cap GST18i3/4/5 WS	Cover piece 12 pole white for female parts GST18i3-6
05.594.4250.0	cover cap ST18/3B + GST18i3 ST WS	
05.594.4253.0	cover cap ST18/3B + GST18i3 ST WS	
05.587.3156.1	Lock (G)ST18 SW	Locking device for cable to cable connection GST18i3-5, black



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