

## Data sheet

Art.No.: 92.953.4053.1

Connector GST18i5S B1 ZR1 SW

GST18i5 connector, 5 pole, female with screw connection, coding mains 250 V/ 400 V, 20 A, coding color black, strain relief color black



Art.No.	92.953.4053.1
EAN	4015573847026
Order Unit	1

Certificates / Approvals



## Technical data

### General

Rated current	20 A
Rated voltage	250 V / 400 V
Rated impulse voltage	4 kV
strain relief	Yes
Pollution degree	2
Mechanical coding	Code 1
Lockable	self-locking (unlocking by tool)
Color of coding/ contact carrier	black
Marking of poles	3, N, PE, 2, 1
Color of housing inclusive strain relief	black

### Connection Data

Cable diameter max.	13.5 mm
Cable diameter min.	7 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.	0.75 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.	0.75 mm <sup>2</sup>
Terminations per pole	1
sheath strip length	42 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	0.156 kWh
Insulation components continuous temperature	100 °C
Surface finish	Silver-plated

**Dimensions**

Length	76.4 mm
Width	47.75 mm
Height	15 mm

**Classification**

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**

Art.No.:	Article/type description:	Description:
05.587.3156.0	Lock (G)ST18 WS	Locking device for cable to cable connection GST18i3-5, white
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
05.566.9253.0	cover cap GST18i5 BUCHSEN	Cover for female connectors GST18i5, black
05.587.3156.1	Lock (G)ST18 SW	Locking device for cable to cable connection GST18i3-5, black

**Fits with**

Art.No.:	Article/type description:	Description:
92.954.4053.1	Connector GST18i5S S1 ZR1 SW	GST18i5 connector, 5 pole, male with screw connection, coding mains 250 V/ 400 V, 20 A, coding color black, strain relief color black
92.054.0058.1	Device connector GST18i5L S1H SW	GST18i5 PCB mount with additional mounting option, 5 pole, male (horizontal), coding mains 250 V/ 400 V, 20 A, coding color black
92.257.1000.1	Cable assembly GST18i5KSBS 15E 10SW	GST18i5 connection cable female - male, length 1.0 m, 5 pole, coding mains 250 V/ 400 V, 16 A, coding color black, strain relief color black, cable color black, cross section 1.5 mm <sup>2</sup> , cable type H05VV-F, fire class: Eca
92.257.1003.1	Cable assembly GST18i5K1B- 15E 10SW	GST18i5 extension cable female - free end, length 1.0 m, 5 pole, coding mains 250 V/ 400 V, 16 A, coding color black, strain relief color black, cable color black, cross section 1.5 mm <sup>2</sup> , cable type H05VV-F, fire class: Eca

92.257.1004.1	Cable assembly GST18I5KS-S 15E 10SW	GST18i5 extension cable male - free end, length 1.0 m, 5 pole, coding mains 250 V/ 400 V, 16 A, coding color black, strain relief color black, cable color black, cross section 1.5 mm <sup>2</sup> , cable type H05VV-F, fire class: Eca
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