

Data sheet

Commercial 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



Commercial 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 ² max.	2.5 mm ²
Connection cross section solid mm ² min.	0.75 mm ²
Connection cross section fine stranded mm ² max.	2.5 mm ²
Connection cross section fine stranded mm ² min.	0.75 mm ²
Terminations per pole	1
sheath strip length	37 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 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
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
93.053.6010.0	Small distribution board WIV GST18 20 kVA Typ 2	<p>gesis® WIV: pre-wired for plug-in to an RST50 or 32 A CEKON three-phase power supply for a maximum connection power of 20kVA. The outputs are carried out via the GST18 plug-in system. Each circuit is individually secured, the 16 A outputs are FI- protected. Several connections can be switched on or off via a common main switch. The distribution system consists of switchable and non- switchable outputs. If necessary, the non-switchable outputs can be used for example. Emergency lighting or cooling systems are operated. They are also suitable for extending existing installations and are easy to commission. Adapter line 32 A CEKON on RST50 is included in the scope of delivery.</p>

Fits with

Commercial 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 15 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 ² , cable type H05VV-F, fire class: Eca
92.257.1003.1	Cable assembly GST18i5K1B- 15 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 ² , cable type H05VV-F, fire class: Eca
92.257.1004.1	Cable assembly GST18i5KS-S 15 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 ² , cable type H05VV-F, fire class: Eca