

Data sheet

Commercial Art.No.: 92.931.5053.1

connector GST18I3S B1 ZR2 SW

gesis® CLASSIC connector, number of poles 3, female, connection type screw connection, rated voltage 250 V, rated current 20 A, cable diameter 10.5 - 14.5 mm, color of coding/ contact carrier black



Commercial Art.No.	92.931.5053.1
EAN	4049088273575
Order Unit	1

certificates / approvals



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 1
lockable	self-locking (unlocking by tool)
color of coding/ contact carrier	black
marking of poles	L, N, PE
color of housing inclusive strain relief	black
RAL-Nummer Codierung/Kontakteinsatz	9005

connection data

cable diameter max.	14.5 mm
cable diameter min.	10.5 mm
connection cross section solid mm² max.	4 mm²
connection cross section solid mm² min.	0.75 mm²
connection cross section fine stranded mm² max.	4 mm²
connection cross section fine stranded mm² min.	0.75 mm²
terminations per pole	1

model

model	female
connection type	screw connection
degree of protection (IP)	IP40
remark to type of connection	fine stranded wires 4 mm² only without ferrules

material

housing material	polyamide
halogen free	yes
contact material	CuZn
fire load	0.108 kWh/St
insulation components continuous temperature	100 °C
surface finish	tin-plated

dimensions

length	77.5 mm
width	32 mm
height	17 mm

classification

ECLASS 11	
ECLASS 8.1	27440605
ETIM 9.0	EC002560
ETIM 8.0	EC002560
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

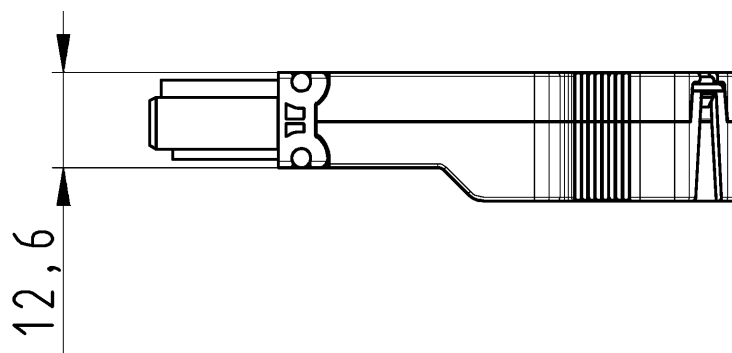
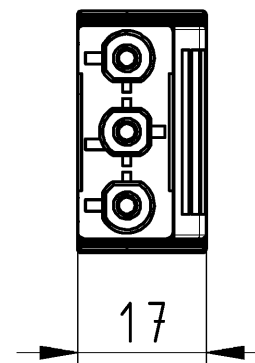
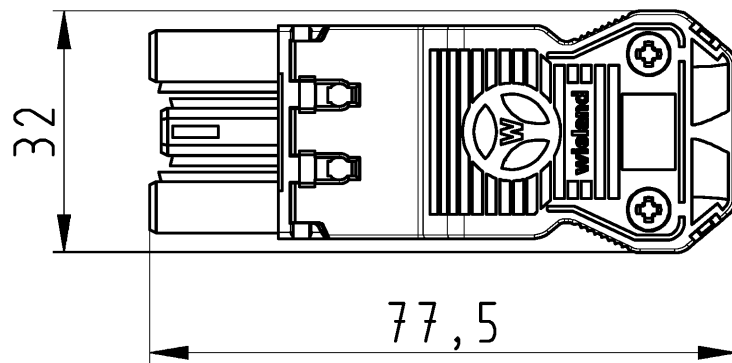
Accessories

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 SW	
05.587.3156.1	lock (G)ST18 SW	Locking device for cable to cable connection GST18i3-5, black

Fits with

Commercial Art.No.:	Article-type description:	Description:
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92.932.5053.1	connector GST18I3S S1 ZR2 SW	geis® CLASSIC connector, number of poles 3, male, connection type screw connection, rated voltage 250 V, rated current 20 A, cable diameter 10.5 - 14.5 mm, color of coding/ contact carrier black
92.032.3358.1	device connector GST18I3S S1 SW	geis® CLASSIC device connector, built-in component, single screw connection, number of poles 3, model male, connection type screw connection, rated voltage 250 V, rated current 20 A, color of coding/ contact carrier black
92.032.0058.1	device connector GST18I3L S1V SW	geis® CLASSIC device connector, solder connector, vertical, without fastening flange, number of poles 3, model male, connection type soldering connection, rated voltage 250 V, rated current 20 A, color of coding/ contact carrier black
92.232.1007.1	cable assembly GST18I3K1BD 15 10SW	geis® CLASSIC mains connection cable, female - male CEE 7/4, number of poles 3, rated voltage 250 V, rated current 16 A, cable type H05VV-F, fire class Eca, total length 1 m, nominal cross section conductor 1.5 mm ² , color of coding/ contact carrier black
92.232.1000.1	cable assembly GST18I3K1BS 15 10SW	geis® CLASSIC connecting cable, female - male, number of poles 3, rated voltage 250 V, rated current 16 A, cable type H05VV-F, fire class Eca, total length 1 m, nominal cross section conductor 1.5 mm ² , color of coding/ contact carrier black
92.232.1003.1	cable assembly GST18I3K1B- 15 10SW	geis® CLASSIC connection cable, female - free end, number of poles 3, rated voltage 250 V, rated current 16 A, cable type H05VV-F, fire class Eca, total length 1 m, nominal cross section conductor 1.5 mm ² , color of coding/ contact carrier black
92.232.1004.1	cable assembly GST18I3K1-S 15 10SW	geis® CLASSIC connection cable, male - free end, number of poles 3, rated voltage 250 V, rated current 16 A, cable type H05VV-F, fire class Eca, total length 1 m, nominal cross section conductor 1.5 mm ² , color of coding/ contact carrier black



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