

## Data sheet

Commercial Art.No.: 92.931.3053.1

connector GST18I3S B1 ZR1 SW

gesis® CLASSIC connector, number of poles 3, female, connection type screw connection, rated voltage 250 V, rated current 20 A, cable diameter 6.5 - 10.5 mm, color of coding/ contact carrier black



Commercial Art.No.	92.931.3053.1
EAN	4015573721852
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

### connection data

cable diameter max.	10.5 mm
cable diameter min.	6.5 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	38.5 mm
wire strip length	7 mm

### model

model	female
connection type	screw connection

degree of protection (IP)	IP40
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**material**

housing material	polyamide
halogen free	yes
contact material	CuZn
fire load	0.089 kWh/St
insulation components continuous temperature	100 °C
surface finish	tin-plated

**dimensions**

length	69.4 mm
width	28.2 mm
height	12.6 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