

Data sheet

Commercial Art.No.: 92.931.3053.1

Connector GST18i3S B1 ZR1 SW

GST18i3 connector, 3 pole, female with screw connection, coding mains 250 V, 20 A, coding color black, strain relief color black



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 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	38.5 mm
Wire strip length	7 mm

Model

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

Material

Housing material	Polyamide
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halogen free	yes
Contact material	CuZn
Fire load	0.089 kWh
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 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