

Data sheet

Commercial Art.No.: 92.953.4153.0

connector GST18I5S B1 ZR1 BL01

gesis® CLASSIC connector, number of poles 5, female, connection type screw connection, rated voltage 50 V, rated current 6 A, cable diameter 7 - 12 mm, color of coding/ contact carrier light blue



Technical data

general

rated current	6 A
rated voltage	50 V
rated impulse voltage	4 kV
strain relief	yes
pollution degree	2
mechanical coding	code 6
lockable	self-locking (unlocking by tool)
color of coding/ contact carrier	light blue
Pole codification	1, 2, 3, 4, 5
color of housing inclusive strain relief	black
RAL-Nummer Codierung/Kontakteinsatz	5012

connection data

cable diameter max.	12 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)	IP40

material

housing material	polyamide
halogen free	yes
contact material	CuZn

fire load	0.158 kWh/St
insulation components continuous temperature	100 °C
surface finish	tin-plated

dimensions

length	76.4 mm
width	47.75 mm
height	15 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
REACH-SVHC conformity status	compliant