product data sheet

item no. 92.944.0453.0

connector GST18I4F S2 ZR1 TB03

gesis® CLASSIC connector, number of poles 4, male, connection type spring clamp connection, rated voltage 250 V / 400 V, rated current 20 A, cable diameter 9.5 - 11.5 mm, color of coding/ contact carrier turquoise blue

item no.	92.944.0453.0
EAN	4049088260353
order unit	50 piece(s)

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 3
lockable	self-locking (unlocking by tool)
color of coding/ contact carrier	turquoise blue
Pole codification	1, 2/N, 3, 4
color of housing inclusive strain relief	black
RAL-Nummer Codierung/Kontakteinsatz	5018

connection data

cable diameter max.	11.5 mm
cable diameter min.	9.5 mm
connection cross section solid mm² max.	2.5 mm²
connection cross section solid mm² min.	0.75 mm²
connection cross section fine stranded mm² max.	1.5 mm²
connection cross section fine stranded mm² min.	0.75 mm²
terminations per pole	2
sheath strip length	53 mm
wire strip length	9 mm

model

model	male
connection type	spring clamp connection
degree of protection (IP)	IP40
remark to type of connection	fine stranded and stranded conductors require cable end sleeve

material

housing material	polyamide
halogen free	yes
contact material	CuZn
fire load	0.155 kWh/St
insulation components continous temperature	100 °C
surface finish	tin-plated

dimensions

length	75 mm
width	42.25 mm
height	17 mm

accessories

item no.	type	description
05.587.3156.0	lock (G)ST18 WS	Locking device for cable to cable connection GST18i3-5, white
05.587.3156.1	lock (G)ST18 SW	Locking device for cable to cable connection GST18i3-5, 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
05.566.9153.0	cover cap GST18I4 BUCHSEN	Cover for female connectors GST18i4, black

assembly

item no.	type	description
92.043.0058.0	device connector GST18I4L B1H WS	gesis® CLASSIC device connector, solder connector, horizontal, without fastening flange, number of poles 4, model female, connection type soldering connection, rated voltage 250 V / 400 V, rated current 20 A, color of coding/ contact carrier white, degree of protection (ip) IP20, built-in component soldering connection, angle of plug square, pole codification 2, N, PE, 1, mechanical coding code 1, housing material polyamide, halogen free yes, fire load 0.037 kWh/St, contact material CuZn, surface finish tin-plated, pollution degree 2, rated impulse voltage 4 kV, length 24 mm, height 13 mm, width 38 mm
92.043.0158.0	device connector GST18I4L B1H GR01	gesis® CLASSIC device connector, solder connector, horizontal, without fastening flange, number of poles 4, model female, connection type soldering connection, rated voltage 250 V / 400 V, rated current 20 A, color of coding/ contact carrier pebble grey, degree of protection (ip) IP20, built-in component soldering connection, angle of plug square, pole codification 2, N, PE, 1, mechanical coding code 2, housing material polyamide, halogen free yes, fire load 0.038 kWh/St, contact material CuZn, surface finish tin-plated, pollution degree 2, rated impulse voltage 4 kV, length 24 mm, height 13 mm, width 38 mm
92.207.1003.0	cable assembly GST18I4KSB- 15 10TR01	gesis® CLASSIC connection cable, female - free end, number of poles 4, rated voltage 250 V / 400 V, rated current 16 A, cable type H05VV-F, fire class Eca, total length 1 m, nominal cross section conductor 1.5 mm², color of coding/ contact carrier tomato red
92.943.0453.0	connector GST18I4F B2 ZR1 TB03	gesis® CLASSIC connector, number of poles 4, female, connection type spring clamp connection, rated voltage 250 V / 400 V, rated current 20 A, cable diameter 9.5 - 11.5 mm, color of coding/ contact carrier turquoise blue