Data sheet

Commercial Art.No.: 92.944.0453.0

Connector GST18I4F S2 ZR1 TB03

GST18i4 connector, 4 pole, male with spring force connection, coding according to customer requirement without PE, 20 A, coding color turquoise blue, strain relief color black

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Commercial Art.No.	92.944.0453.0
EAN	4049088260353
Order Unit	1

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
Marking of poles	1, 2/N, 3, 4
Color of housing inclusive strain relief	black

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)	IP20
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
Insulation components continous temperature	100 °C
Surface finish	Tin-plated

Dimensions

Length	75 mm
Width	42.25 mm
Height	17 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

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
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
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:
92.043.0058.0	Device connector GST18I4L B1H WS	GST18i4 PCB mount with additional mounting option, 4 pole, female (horizontal), coding mains 250 V/ 400 V, 20 A, coding color white
92.043.0158.0	Device connector GST18I4L B1H GR01	GST18i4 PCB mount with additional mounting option, 4 pole, female (horizontal), coding UPS 250 V/ 400 V, 20 A, coding color pebble grey
92.207.1003.0	Cable assembly GST18I4KSB- 15 10TR01	gesis® Connection cable female - free end; length: 1 m; type GST18I4; 4- pole; Code 2; 250/400 V / 16 A; colour of coding: tomato red with blacks train relief; cable: H05VV-F 4G1,5 black, fire class Eca
92.943.0453.0	Connector GST18I4F B2 ZR1 TB03	GST18i4 connector, 4 pole, female with spring force connection, coding according to customer requirement without PE, 20 A, coding color turquoise blue, strain relief color black