

## Data sheet

Commercial Art.No.: 92.944.0353.0

Connector GST18i4F S2 ZR1 GN02

GST18i4 connector, 4 pole, male with spring force connection, coding according to customer requirement with PE, 20 A, coding color may green, strain relief color black



Commercial Art.No.	92.944.0353.0
EAN	4049088260377
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 4
Lockable	self-locking (unlocking by tool)
Color of coding/ contact carrier	may green
Marking of poles	1, PE, 2/N, 3
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 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.	1.5 mm <sup>2</sup>
Connection cross section fine stranded mm <sup>2</sup> min.	0.75 mm <sup>2</sup>
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
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#### Material

Housing material	Polyamide
halogen free	yes
Contact material	CuZn
Fire load	0.154 kWh
Insulation components continuous 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

92.943.0353.0	Connector GST18i4F B2 ZR1 GN02	GST18i4 connector, 4 pole, female with spring force connection, coding according to customer requirement with PE, 20 A, coding color may green, strain relief color black
92.207.1000.7	Cable assembly GST18i4KSBS 15 10GN02	geis® Extension cable female - male; length: 1 m; type GST18i4; 4-pole; Code 4; 250/400 V / 20 A; colour of coding: may green with black strain relief; cable: H05VV-F 4G1,5 black, fire class Eca
92.207.1004.7	Cable assembly GST18i4KS-S 15 10GN02	geis® Connection cable male - free end; length: 1 m; type GST18i4; 4-pole; Code 4; 250/400 V / 20 A; colour of coding: may green with black strain relief; cable: H05VV-F 4G1,5 black, fire class Eca