product data sheet

item no. 92.931.5653.0

connector GST18I3S B1 ZR2 RT03

gesis® CLASSIC connector, number of poles 3, female, connection type screw connection, rated voltage 250 V, rated current 20 A, cable diameter 10.5 - 14.5 mm, color of coding/ contact carrier salmon pink

item no.	92.931.5653.0
EAN	4049088356513
order unit	50 piece(s)

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 2
lockable	self-locking (unlocking by tool)
color of coding/ contact carrier	salmon pink
Pole codification	L, N, PE
color of housing inclusive strain relief	black
RAL-Nummer Codierung/Kontakteinsatz	3022

connection data

cable diameter max.	14.5 mm
cable diameter min.	10.5 mm
connection cross section solid mm² max.	4 mm²
connection cross section solid mm² min.	0.75 mm²
connection cross section fine stranded mm² max.	4 mm²
connection cross section fine stranded mm² min.	0.75 mm²
terminations per pole	1

model

model	female
connection type	screw connection
degree of protection (IP)	IP40
remark to type of connection	fine stranded wires 4 mm² only without ferrules

material

housing material	polyamide
halogen free	yes
contact material	CuZn

fire load	0.109 kWh/St
insulation components continous temperature	100 °C
surface finish	tin-plated

dimensions

length	77.5 mm
width	32 mm
height	17 mm

accessories

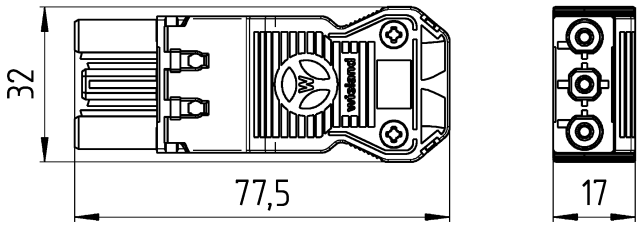
item no.	type	description
05.587.3156.0	lock (G)ST18 WS	Locking device for cable to cable connection GST18i3-5, white
05.587.3156.1	lock (G)ST18 SW	Locking device for cable to cable connection GST18i3-5, black
06.561.7853.0	mounting frame GST18I3 SW	Mounting frame to snap in GST18i3 connectors into a housing or furniture. Wall thickness: 1,5-2,5 mm. Holds GST18i3 connectors with screw or spring connection and pre- assembled cables.
05.561.3653.0	cover cap GST18I3VS B WS	Cover piece for female GST18i3, white
05.561.3653.1	cover cap GST18I3VS B SW	Cover piece for female GST18i3, 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
05.594.4250.0	cover cap ST18/3B + GST18I3 ST WS	
05.594.4253.0	cover cap ST18/3B + GST18I3 ST WS	

assembly

item no.	type	description
92.032.3358.0	device connector GST18I3S S1 WS	gesis® CLASSIC device connector, built-in component, single screw connection, number of poles 3, model male, connection type screw connection, rated voltage 250 V, rated current 20 A, color of coding/ contact carrier white, degree of protection (ip) IP20, built-in component built-in component/connector, angle of plug straight, cross section fine-stranded 0.75 mm² - 4 mm², connection cross section solid 0.75 mm² - 4 mm², pole codification L, N, PE, mechanical coding code 1, 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 31.5 mm, height 19.5 mm, width 28.2 mm
92.032.0058.0	device connector GST18I3L S1V WS	gesis® CLASSIC device connector, solder connector, vertical, without fastening flange, number of poles 3, model male, connection type soldering connection, rated voltage 250 V, rated current 20 A, color of coding/ contact carrier white, degree of protection (ip) IP20, built-in component soldering connection, angle of plug straight, pole codification L, N, PE, mechanical coding code 1, housing material polyamide, halogen free yes, fire load 0.026 kWh/St, contact material CuZn, surface finish tin-plated, pollution degree 2, rated impulse voltage 4 kV, length 24 mm, height 13 mm, width 28.2 mm
92.032.3458.0	device connector GST18I3S S1 GR01	gesis® CLASSIC device connector, built-in component, single screw connection, number of poles 3, model male, connection type screw connection, rated voltage 250 V, rated current 20 A, color of coding/ contact carrier pebble grey, degree of protection (ip) IP20, built-in component built-in component/connector, angle of plug straight, cross section fine-stranded 0.75 mm² - 4 mm², connection cross section solid 0.75 mm² - 4 mm², pole codification L, N, PE, mechanical coding code 2, housing material polyamide, halogen free yes, fire load 0.039 kWh/St, contact material CuZn, surface finish tin-plated, pollution degree 2, rated impulse voltage 4 kV, length 31.5 mm, height 19.5 mm, width 28.2 mm
92.032.0158.0	device connector GST18I3L S1V GR01	gesis® CLASSIC device connector, solder connector, vertical, without fastening flange, number of poles 3, model male, connection type soldering connection, rated voltage 250 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 straight, pole codification L, N, PE, mechanical coding code 2, housing material polyamide, halogen free yes, fire load 0.026 kWh/St, contact material CuZn, surface finish tin-plated, pollution degree 2, rated impulse voltage 4 kV, length 24 mm, height 13 mm, width 28.2 mm
92.032.3658.0	device connector GST18I3S S1 RT03	gesis® CLASSIC device connector, built-in component, single screw connection, number of poles 3, model male, connection type screw connection, rated voltage 250 V, rated current 20 A, color of coding/ contact carrier salmon pink, degree of protection (ip) IP20, built-in component built-in component/connector, angle of plug straight, cross section fine-stranded 0.75 mm² - 4 mm², connection cross section solid 0.75 mm² - 4 mm², pole codification L, N, PE, mechanical coding code 3, 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 31.5 mm, height 19.5 mm, width 28.2 mm
92.032.3858.0	device connector GST18I3S S1 BR05	gesis® CLASSIC device connector, built-in component, single screw connection, number of poles 3, model male, connection type screw connection, rated voltage 250 V, rated current 20 A, color of coding/ contact carrier brown, degree of protection (ip) IP20, built-in component built-in component/connector, angle of plug straight, cross section fine-stranded 0.75 mm² - 4 mm², connection cross section solid 0.75 mm² - 4 mm², pole codification 1, 2, 3, mechanical coding code 4, 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 31.5 mm, height 19.5 mm, width 28.2 mm

92.032.0658.0	device connector GST18I3L S1V BR05	gesis® CLASSIC device connector, solder connector, vertical, without fastening flange, number of poles 3, model male, connection type soldering connection, rated voltage 250 V, rated current 20 A, color of coding/ contact carrier brown, degree of protection (ip) IP20, built-in component soldering connection, angle of plug straight, pole codification 1, 2, 3, mechanical coding code 4, housing material polyamide, halogen free yes, fire load 0.026 kWh/St, contact material CuZn, surface finish tin-plated, pollution degree 2, rated impulse voltage 4 kV, length 24 mm, height 13 mm, width 28.2 mm
92.297.1003.0	cable assembly GST18I3KSB- 15 10TR01	gesis® CLASSIC connection cable, female - free end, number of poles 3, rated voltage 250 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
92.032.0358.0	device connector GST18I3L S1V GN07	gesis® CLASSIC device connector, solder connector, vertical, without fastening flange, number of poles 3, model male, connection type soldering connection, rated voltage 250 V, rated current 20 A, color of coding/ contact carrier may green, degree of protection (ip) IP20, built-in component soldering connection, angle of plug straight, pole codification 1, PE, 2/N, mechanical coding code 7, housing material polyamide, halogen free yes, fire load 0.027 kWh/St, contact material CuZn, surface finish tin-plated, pollution degree 2, rated impulse voltage 4 kV, length 24 mm, height 13 mm, width 28.2 mm
92.032.3558.0	device connector GST18I3S S1 GN07	gesis® CLASSIC device connector, built-in component, single screw connection, number of poles 3, model male, connection type screw connection, rated voltage 250 V, rated current 20 A, color of coding/ contact carrier may green, degree of protection (ip) IP20, built-in component built-in component/connector, angle of plug straight, cross section fine-stranded 0.75 mm² - 4 mm², connection cross section solid 0.75 mm² - 4 mm², pole codification 1, PE, 2/N, mechanical coding code 7, 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 31.5 mm, height 19.5 mm, width 28.2 mm
92.032.0558.0	device connector GST18I3L S1V TB06	GST18i3 PCB mount with additional mounting option, 3 pole, male (vertical), coding mains 250 V, 20 A, coding color turquoise blue
92.032.3958.0	device connector GST18I3S S1 TB06	gesis® CLASSIC device connector, built-in component, single screw connection, number of poles 3, model male, connection type screw connection, rated voltage 250 V, rated current 20 A, color of coding/ contact carrier turquoise blue, degree of protection (ip) IP20, built-in component built-in component/connector, angle of plug straight, cross section fine-stranded 0.75 mm² - 4 mm², connection cross section solid 0.75 mm² - 4 mm², pole codification 1, 2, 3, mechanical coding code 6, 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 31.5 mm, height 19.5 mm, width 28.2 mm
92.032.3758.0	device connector GST18I3S S1 PB04	gesis® CLASSIC device connector, built-in component, single screw connection, number of poles 3, model male, connection type screw connection, rated voltage 250 V, rated current 20 A, color of coding/ contact carrier pastel blue, degree of protection (ip) IP20, built-in component built-in component/connector, angle of plug straight, cross section fine-stranded 0.75 mm² - 4 mm², connection cross section solid 0.75 mm² - 4 mm², pole codification 1, 2, 3, mechanical coding code 5, 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 31.5 mm, height 19.5 mm, width 28.2 mm
92.032.0458.0	device connector GST18I3L S1V PB04	gesis® CLASSIC device connector, solder connector, vertical, without fastening flange, number of poles 3, model male, connection type soldering connection, rated voltage 250 V, rated current 20 A, color of coding/ contact carrier pastel blue, degree of protection (ip) IP20, built-in component soldering connection, angle of plug straight, pole codification 1, 2, 3, mechanical coding code 5, housing material polyamide, halogen free yes, fire load 0.026 kWh/St, contact material CuZn, surface finish tin-plated, pollution degree 2, rated impulse voltage 4 kV, length 24 mm, height 13 mm, width 28.2 mm

technical drawing



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Only inspection dimensions
With /E marked dimensions are only valid for internal use

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Anwendung: Netzspannung
Application: mains voltage

Auslieferungszustand: unmontiert
delivery condition: unmounted

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Additional data see CATALOG or eCatalog.

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Tolerierung Size ISO 14405 Ⓔ / Tolerance system Size ISO 14405 Ⓔ.
(This ISO-standard describes the envelope principle. According to the envelope principle the deviations of form and parallelism are limited by the size tolerances).

ja/yes ☒ Stoffverbots- und Deklarationsliste nach WN 5020.010 ist einzuhalten.
Conformity with Wieland document WN 5020.010 e (list of prohibited / declarable hazardous substances) to be declared!

Freitoleranz nach
General tolerance

CAD - Zeichnung, keine manuellen Änderungen
CAD - drawing, no manual modifications allowed

1. Verwendung:
First Use:

Blatt: 1 von
Sheet: 1 of

Werkstoff / Material

Farbe/colour: lachsrot/salmon red

Maßstab / Scale 1:1

Vol.. --- mm³

Dfl./Surf. --- mm²

	Tag/Date	Name
gezeichnet / drawn	23.02.16	Ritter
geprüft / checked		
Normgepr. / Stand. check		

Zeichnung Nr. / Drawing No.: 92.931.5653.013K

Index

Maße in mm / Dimensions are in mm

Ersatz für / Replacement for:

Type

Benennung/Title

BUCHSENTEIL_M_ZUGENTLASTUNG

female connector with strain relief

wieland
www.wieland-electric.com

Index | Datum / Blatt Date / Sheet
Änderung / Revision

Ritter_92_931_5653_013K-AA-dwg1_sheet_2 CADW3025 Ritter 2016-02-24T14:29:00 1.000 3 QU-MEE-01/14 a