product data sheet

item no. 92.934.0453.0

connector GST18I3F S2 ZR1 BR05

gesis® CLASSIC connector, number of poles 3, male, connection type spring clamp connection, rated voltage 250 V, rated current 20 A, cable diameter 7.8 - 10.3 mm, color of coding/ contact carrier brown



item no.	92.934.0453.0
EAN	4015573692787
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 4
lockable	self-locking (unlocking by tool)
color of coding/ contact carrier	brown
marking of poles	1, 2, 3
color of housing inclusive strain relief	black
RAL-Nummer Codierung/Kontakteinsatz	8002

connection data

cable diameter max.	10.3 mm
cable diameter min.	7.8 mm
connection cross section solid mm² max.	2.5 mm²
connection cross section solid mm² min.	0.5 mm²
connection cross section fine stranded mm² max.	1.5 mm²
connection cross section fine stranded mm² min.	0.5 mm²
terminations per pole	2
sheath strip length	45 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	0.117 kWh/St
insulation components continous temperature	100 °C
surface finish	tin-plated

dimensions

length	75 mm
width	32.5 mm
height	15.5 mm

accessories

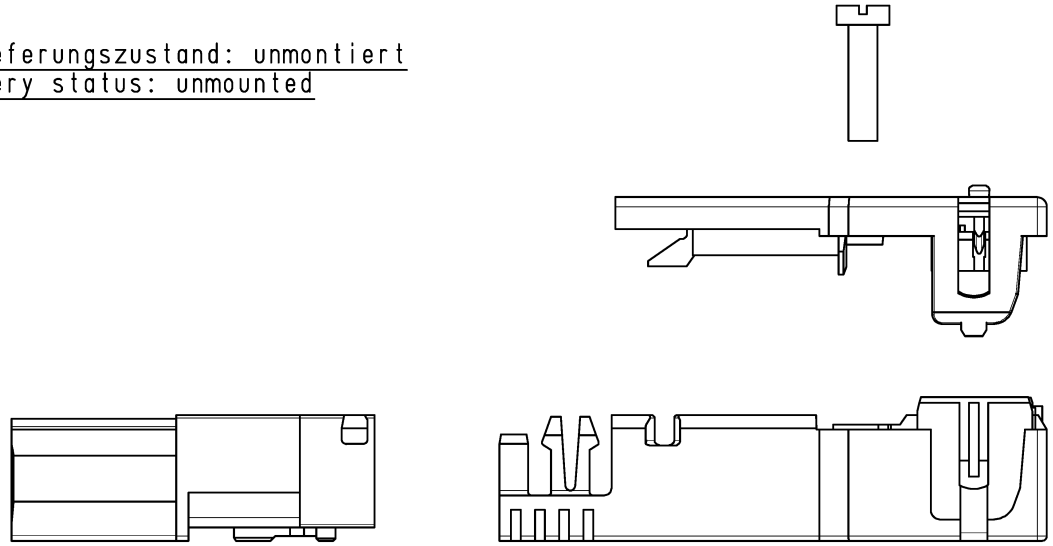
item no.	type	description
05.587.3156.0	lock (G)ST18 WS	Locking device for cable to cable connection GST18i3-5, white
05.587.3156.1	lock (G)ST18 SW	Locking device for cable to cable connection GST18i3-5, black
06.561.7853.0	mounting frame GST18I3 SW	Mounting frame to snap in GST18i3 connectors into a 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
92.933.0453.0	connector GST18I3F B2 ZR1 BR05	gesis® CLASSIC connector, number of poles 3, female, connection type spring clamp connection, rated voltage 250 V, rated current 10 A, cable diameter 7.8 - 10.3 mm, color of coding/ contact carrier brown
92.033.0058.0	device connector GST18I3L B1H WS	gesis® CLASSIC device connector, solder connector, horizontal, without fastening flange, number of poles 3, model female, connection type soldering connection, rated voltage 250 V, rated current 20 A, color of coding/ contact carrier white
92.033.0158.0	device connector GST18I3L B1H GR01	gesis® CLASSIC device connector, solder connector, horizontal, without fastening flange, number of poles 3, model female, connection type soldering connection, rated voltage 250 V, rated current 20 A, color of coding/ contact carrier pebble grey
92.033.0658.0	device connector GST18I3L B1H BR05	gesis® CLASSIC device connector, solder connector, horizontal, without fastening flange, number of poles 3, model female, connection type soldering connection, rated voltage 250 V, rated current 20 A, color of coding/ contact carrier brown
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
92.232.1004.4	cable assembly GST18I3KS-S 15 10BR05	gesis® CLASSIC connection cable, male - 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 brown
92.033.0758.0	device connector GST18I3L B1H RT03	gesis® CLASSIC device connector, solder connector, horizontal, without fastening flange, number of poles 3, model female, connection type soldering connection, rated voltage 250 V, rated current 20 A, color of coding/ contact carrier salmon pink
92.033.0858.0	device connector GST18I3L B1H H RT03	gesis® CLASSIC device connector, solder connector, horizontal, without fastening flange, number of poles 3, connection type soldering connection, rated voltage 250 V, rated current 20 A, color of coding/ contact carrier salmon pink
92.232.1003.4	cable assembly GST18I3KSB- 15 10BR05	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 brown
92.232.1000.4	cable assembly GST18I3KSBS 15 10BR05	gesis® CLASSIC connecting cable, female - male, 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 brown
92.033.0358.0	device connector GST18I3L B1H GN07	gesis® CLASSIC device connector, solder connector, horizontal, without fastening flange, number of poles 3, connection type soldering connection, rated voltage 250 V, rated current 20 A, color of coding/ contact carrier may green
92.033.0558.0	device connector GST18I3L B1H TB06	gesis® CLASSIC device connector, solder connector, horizontal, without fastening flange, number of poles 3, connection type soldering connection, rated voltage 250 V, rated current 20 A, color of coding/ contact carrier turquoise blue
92.033.0458.0	device connector GST18I3L B1H PB04	gesis® CLASSIC device connector, solder connector, horizontal, without fastening flange, number of poles 3, model female, connection type soldering connection, rated voltage 250 V, rated current 20 A, color of coding/ contact carrier pastel blue

technical drawing

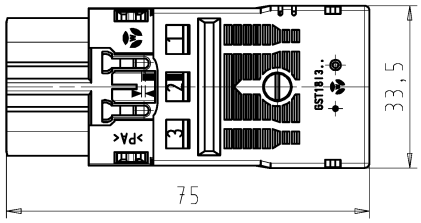
Auslieferungszustand: unmontiert
delivery status: unmounted

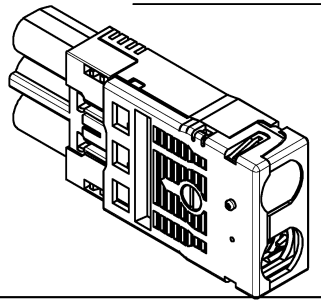


M/scale 1:1

Anwendung: Schaltanwendung
application: switching application

Ansicht im montierten Zustand
view in assembled condition
M/scale 1:1





Toleranz	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).
Freitoleranz nach / General tolerance	
Werkstoff/Material	
Farbe/colour	braun/brown
Maßstab/Scale	2:1
Vol.	mm³
Ofl./Surf.	mm²
Index	Datum / Blatt / Date / Sheet
Änderung/Revision	

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!

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

1.Verwendung: - / First Use: -

Blatt: 1 von 1 / Sheet: 1 of 1

	Tag/Date	Name
2015		
gezeichnet / drawn	22.01.	Ritter
geprüft / checked	-	-
Normgepr. Stand. check	-	-

Zeichnung Nr./Drawing No.: 92.934.0453.0 01K — Index

Maße in mm/Dimensions are in mm

Ersatz für/Replacement for: -

Type

Benennung/Title: STECKERTEIL_MIT_ZUGENTLASTUNG
male connector with strain relief

wieland
www.wieland-electric.com

These dimensions will be especially checked at delivery
Only inspection dimensions
With /E marked dimensions are only valid for internal use

Diese Maße werden bei Abnahme besonders geprüft
Ausschließlich Prüfmaße
Mit /E gekennzeichnete Maße sind nur für interne Zwecke gültig

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