product data sheet

item no. 92.933.0753.0

connector GST18I3F B2 ZR1 GN07

gesis® CLASSIC connector, number of poles 3, female, 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 may green



item no.	92.933.0753.0
EAN	4049088259432
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 7
lockable	self-locking (unlocking by tool)
color of coding/ contact carrier	may green
Pole codification	1, PE, 2/N
color of housing inclusive strain relief	black
RAL-Nummer Codierung/Kontakteinsatz	6017

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	female
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	0.12 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	

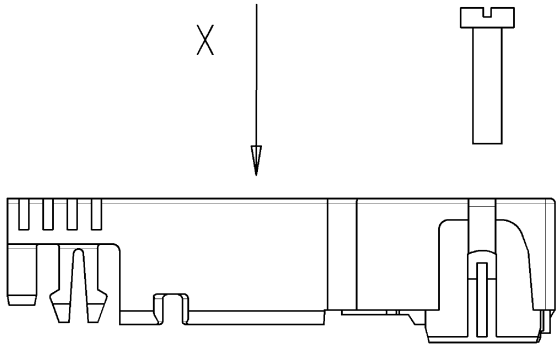
assembly

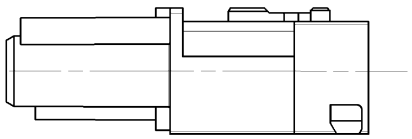
item no.	type	description
92.034.0058.0	device connector GST18I3L S1H WS	gesis® CLASSIC device connector, solder connector, horizontal, without fastening flange, number of poles 3, model male, connection type soldering connection, rated voltage 250 V, rated current 20 A, color of coding/ contact carrier white, degree of protection (ip) IP20, built-in component soldering connection, angle of plug square, 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
92.034.0158.0	device connector GST18I3L S1H GR01	gesis® CLASSIC device connector, solder connector, horizontal, 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 square, 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
92.034.0658.0	device connector GST18I3L S1H BR05	gesis® CLASSIC device connector, solder connector, horizontal, 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 square, 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
92.034.0358.0	device connector GST18I3L S1H GN07	gesis® CLASSIC device connector, solder connector, horizontal, 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 square, 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
92.034.0558.0	device connector GST18I3L S1H TB06	GST18i3 PCB mount with additional mounting option, 3 pole, male (horizontal), coding mains 250 V, 20 A, coding color turquoise blue
92.297.1000.7	cable assembly GST18I3KSBS 15 10GN07	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 may green
92.297.1004.7	cable assembly GST18I3KS-S 15 10GN07	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 may green
92.034.0458.0	device connector GST18I3L S1H PB04	gesis® CLASSIC device connector, solder connector, horizontal, 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 square, pole codification 1, 2, 3,

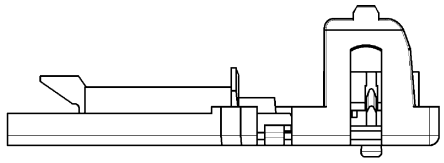
		mechanical coding code 5, housing material polyamide, halogen free yes, fire load 0.026 kWh/St, contact material CuZn, surface finish tin-plated, pollution degree 2, rated impulse voltage 4 kV, length 24 mm, height 13 mm, width 28.2 mm

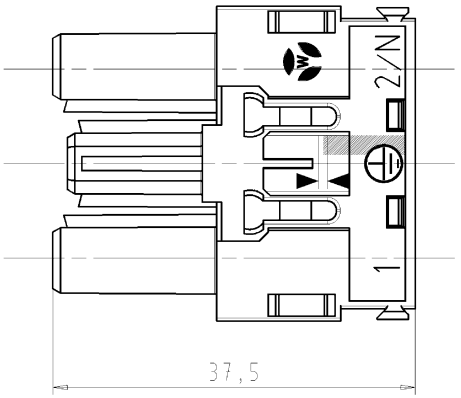
technical drawing

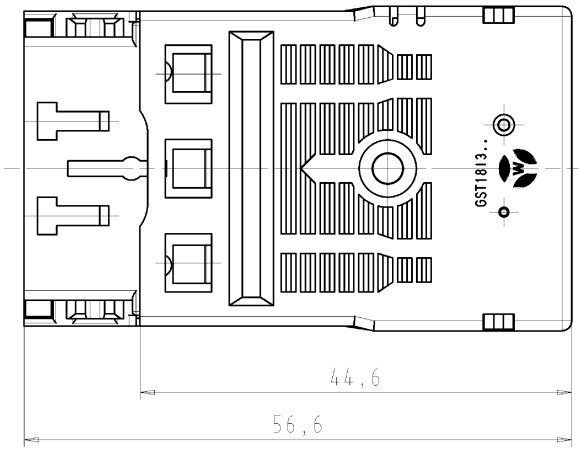
Auslieferungszsutand: unmontiert
delivery status: unmounted

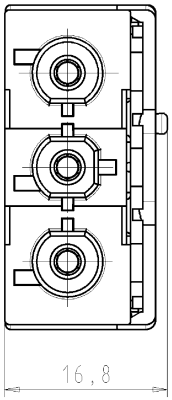








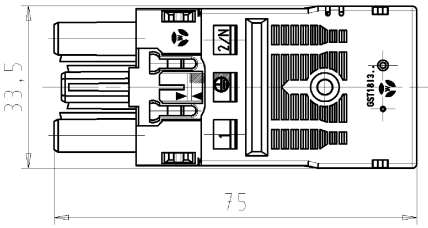




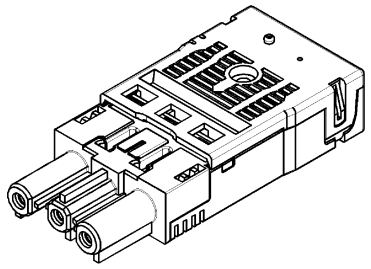
Typ/type:
GST1813F B2 ZR1 GN07

Anwendung nach Kundenwunsch
Application according to customers request

Ansicht in Pfeilrichtung X im montierten Zustand
view in arrow direction X, drawn in assembled condition



M/scale 1:1



Toleranz Size ISO 14405Ⓔ/Tolerance system Size ISO 14405Ⓔ. (This ISO-standard desbribes 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 UU-TOM-05/03 ist einzuhalten. Conformity with Wieland document UU-TOM-05/03 (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: Sheet: 1 von of 1
Werkstoff/Material	2014 / Tag/Date / Name
Farbe/colour: maigrün/maygreen	gezeichnet drawn 23.04. Ritter
Maßstab/Scale 2:1	geprüft checked - -
Vol. mm³ Oft./Surf. mm²	Normgepr. Stand. check - -
Ersatz für/Replacement for: -	
Änderung/Revision Index / Datum / Blatt Date / Sheet	Type
wieland Elektrische Verbindungen	Benennung/Title: BUCHSENTEIL_MIT_ZUGENTL female connector with strain relief 250V AC, 20A, 2.5qmm
Zeichnung Nr./Drawing No.: 92.933.0753.0 01K	Index
Maße in mm/Dimensions are in mm	

Weitergabe sowie Vervielfältigung dieses Dokuments, Verwertung und Mitteilung seines Inhalts sind verboten, soweit nicht ausdrücklich gestattet. The reproduction, distribution and utilization of this document as well as the communication of its contents to others without express authorization is prohibited.

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

92933075300IK_2 CADW3025 Ritter 2014-07-07T11:54:12 1.000

OU-PEM-08/91b