product data sheet

item no. 92.953.7453.0

connector GST18I5S B1PZR1 S PB02

gesis® CLASSIC connector, with test tap, number of poles 5, female, connection type screw connection, rated voltage 250 V / 400 V, rated current 20 A, cable diameter 7 - 12 mm, color of coding/ contact carrier pastel blue



item no.	92.953.7453.0
EAN	4049088307577
order unit	50 piece(s)

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 2
lockable	self-locking (unlocking by tool)
color of coding/ contact carrier	pastel blue
Pole codification	L, N, PE, D1, D2
color of housing inclusive strain relief	black
RAL-Nummer Codierung/Kontakteinsatz	5024

connection data

cable diameter max.	12 mm
cable diameter min.	7 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.	2.5 mm²
connection cross section fine stranded mm² min.	0.75 mm²
terminations per pole	1
sheath strip length	37 mm
wire strip length	7 mm

model

model	female
connection type	screw connection

degree of protection (IP)	IP40

material

housing material	polyamide
halogen free	yes
contact material	CuZn
fire load	0.167 kWh/St
insulation components continous temperature	100 °C
surface finish	tin-plated

dimensions

length	76.4 mm
width	47.75 mm
height	17.2 mm

accessories

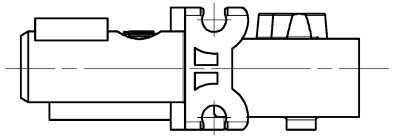
item no.	type	description
05.587.3156.0	lock (G)ST18 WS	Locking device for cable to cable connection GST18i3-5, white
05.587.3156.1	lock (G)ST18 SW	Locking device for cable to cable connection GST18i3-5, black
05.564.5353.0	cover cap GST18I3/4/5 SW	Cover piece 12 pole black for female parts GST18i3-6
05.564.5353.2	cover cap GST18I3/4/5 WS	Cover piece 12 pole white for female parts GST18i3-6
05.566.9253.0	cover cap GST18I5 BUCHSEN	Cover for female connectors GST18i5, black

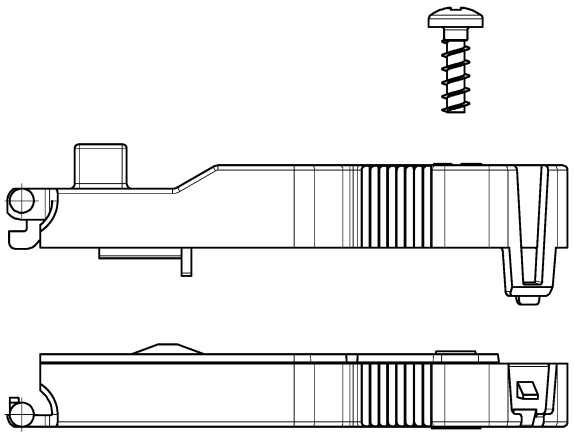
assembly

item no.	type	description
92.054.0058.0	device connector GST18I5L S1H WS	gesis® CLASSIC device connector, solder connector, horizontal, without fastening flange, number of poles 5, model male, connection type soldering connection, rated voltage 250 V / 400 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 3, N, PE, 2, 1, mechanical coding code 1, housing material polyamide, halogen free yes, fire load 0.043 kWh/St, contact material CuZn, surface finish tin-plated, pollution degree 2, rated impulse voltage 4 kV, length 24 mm, height 13 mm, width 47.7 mm
92.054.0458.0	device connector GST18I5L S1H PB02	gesis® CLASSIC device connector, solder connector, horizontal, without fastening flange, number of poles 5, model male, connection type soldering connection, rated voltage 250 V / 400 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 L, N, PE, D1, D2, mechanical coding code 2, housing material polyamide, halogen free yes, fire load 0.042 kWh/St, contact material CuZn, surface finish tin-plated, pollution degree 2, rated impulse voltage 4 kV, length 24 mm, height 13 mm, width 47.7 mm
92.257.1003.0	cable assembly GST18I5KSB- 15 10TR01	gesis® CLASSIC connection cable, female - free end, number of poles 5, rated voltage 250 V / 400 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

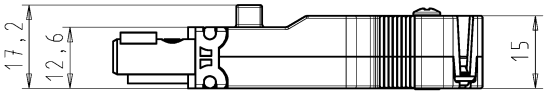
technical drawing

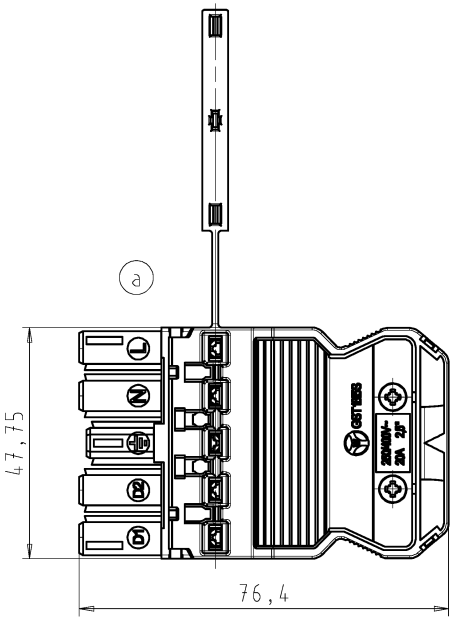
Auslieferungszustand unmontiert/ delifery condition not assembled

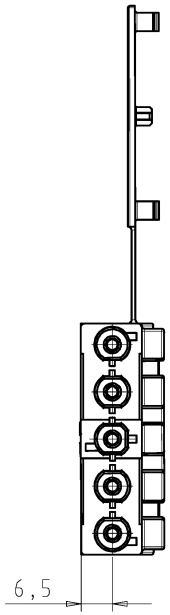


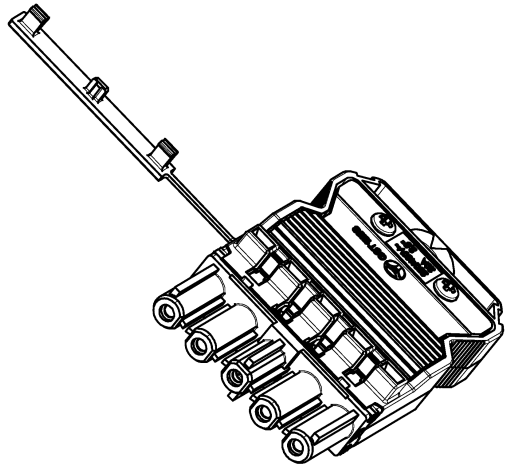


Darstellung M1:1 gezeichnet im montierten Zustand/ draw version in assembled state, scale 1:1









Toleranz 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: Sheet: 1 von of 1
Werkstoff/Material	2015 / Tag/Date / Name
Maßstab/Scale 2:1	gezeichnet drawn 31.03. Ritter
	geprüft checked - -
	Normgepr. Stand. check - -
Vol. mm³ Ofl./Surf. mm²	Ersatz für/Replacement for: -
Zeichnung Nr./Drawing No. 92.953.7453.0 01K	Index a
Maße in mm/Dimensions are in mm	
a 01.12.2015/ Index Datum / Blatt Date / Sheet	Änderung/Revision
wieland www.wieland-electric.com	Type GST1815S B1PZR1 S PB02
Benennung/Title BUCHSENTEIL_MIT_ZUGENTLASTUNG female screw version with strain relief/test slot 250/400V AC, 20A, 2,5qmm	

Diese Maße werden bei Abnahme besonders geprüft / These dimensions will be especially checked at delivery
Ausschließlich Prüfmaße / Only inspection dimensions
Mit /E gekennzeichnete Maße sind nur für interne Zwecke gültig / With /E marked dimensions are only valid for internal use

Weitergabe sowie Vervielfältigung dieses Dokuments, Verwertung und Mitteilung seines Inhalts sind verboten, soweit nicht ausdrücklich gestattet. Zuwiderhandlungen verpflichten zu Schadenersatz. Alle Rechte für den Fall der Patenterteilung oder Gebrauchsmuster- oder Geschmacksmustereintragung vorbehalten. / The reproduction, distribution and utilization of this document as well as the communication of its contents to others without express authorization is prohibited.