product data sheet

item no. 92.953.4153.0

connector GST18I5S B1 ZR1 BL01

gesis® CLASSIC connector, number of poles 5, female, connection type screw connection, rated voltage 50 V, rated current 6 A, cable diameter 7 - 12 mm, color of coding/ contact carrier light blue



item no.	92.953.4153.0
EAN	4049088249402
order unit	50 piece(s)

certificates / approvals

technical data

general

rated current	6 A
rated voltage	50 V
rated impulse voltage	4 kV
strain relief	yes
pollution degree	2
mechanical coding	code 6
lockable	self-locking (unlocking by tool)
color of coding/ contact carrier	light blue
Pole codification	1, 2, 3, 4, 5
color of housing inclusive strain relief	black
RAL-Nummer Codierung/Kontakteinsatz	5012

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	0.155 kWh/St

insulation components continous temperature	100 °C
surface finish	tin-plated

dimensions

length	76.4 mm
width	47.75 mm
height	15 mm

accessories

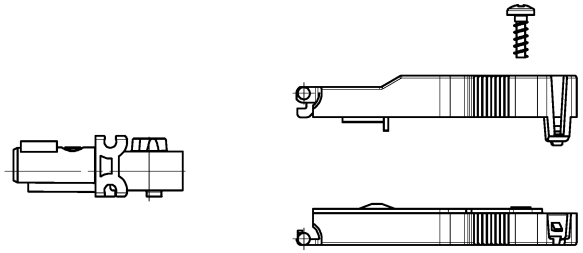
item no.	type	description
05.564.5353.0	cover cap GST18I3/4/5 SW	Cover piece 12 pole black for female parts GST18i3-6
05.564.5353.2	cover cap GST18I3/4/5 WS	Cover piece 12 pole white for female parts GST18i3-6
05.566.9253.0	cover cap GST18I5 BUCHSEN	Cover for female connectors GST18i5, black

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
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
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

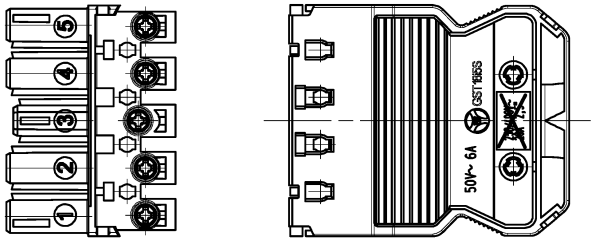
technical drawing

Auslieferungszustand: unmontiert
delivery condition: unmounted



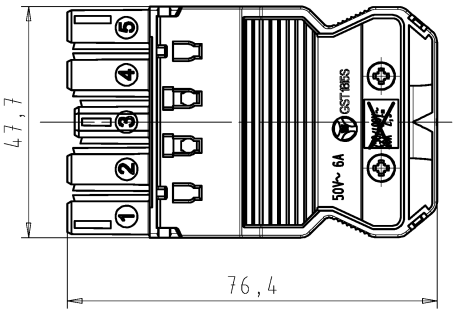
These dimensions will be especially checked at delivery
Only inspection dimensions
With /E marked dimensions are only valid for internal use

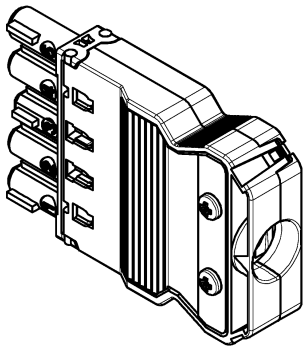
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Diese Maße werden bei Abnahme besonders geprüft
Ausschließlich Prüfmaße
Mit /E gekennzeichnete Maße sind nur für interne Zwecke gültig

Ansicht im montierten Zustand
view in assembled condition





Type:
GST18I5S B1 ZR1 BL01

ⓐ Anwendung: Niedervolt
Application: low voltage

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: Sheet: 1 von of 1
/	/	Werkstoff/Material		2014	Tag/Date	Name	Zeichnung Nr./Drawing No. 92.953.4153.0 01K Index a
/	/	Farbe/colour: lichtblau/light blue		gezeichnet drawn	07.07.	Ritter	
/	/	Maßstab/Scale 1:1		geprüft checked	-	-	
/	/			Normgepr. Stand. check	-	-	Maße in mm/Dimensions are in mm
/	/	Vol. mm³	Ofl./Surf. mm²	Ersatz für/Replacement for: -			
a	11.03.2015/	wieland www.wieland-electric.com		Type	Benennung/Title BUCHSENTEIL_MIT_ZUGENTLASTUNG female screw version with strain relief		
Index	Datum / Blatt Date / Sheet						
Änderung/Revision							