product data sheet

item no. 92.943.3353.0

connector GST18I4S B1 ZR1 TB03

gesis® CLASSIC connector, number of poles 4, female, connection type screw connection, rated voltage 250 V / 400 V, rated current 20 A, cable diameter 6.8 - 11.5 mm, color of coding/ contact carrier turquoise blue



item no.	92.943.3353.0
EAN	4049088248665
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 3
lockable	self-locking (unlocking by tool)
color of coding/ contact carrier	turquoise blue
Pole codification	1, 2/N, 3, 4
color of housing inclusive strain relief	black
RAL-Nummer Codierung/Kontakteinsatz	5018

connection data

cable diameter max.	11.5 mm
cable diameter min.	6.8 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	31 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	0.119 kWh/St
insulation components continous temperature	100 °C
surface finish	tin-plated

dimensions

length	69.4 mm
width	38 mm
height	15 mm

accessories

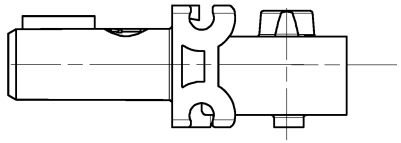
item no.	type	description
05.587.3156.0	lock (G)ST18 WS	Locking device for cable to cable connection GST18i3-5, white
05.587.3156.1	lock (G)ST18 SW	Locking device for cable to cable connection GST18i3-5, black
05.564.5353.0	cover cap GST18I3/4/5 SW	Cover piece 12 pole black for female parts GST18i3-6
05.564.5353.2	cover cap GST18I3/4/5 WS	Cover piece 12 pole white for female parts GST18i3-6
05.566.9153.0	cover cap GST18I4 BUCHSEN	Cover for female connectors GST18i4, black

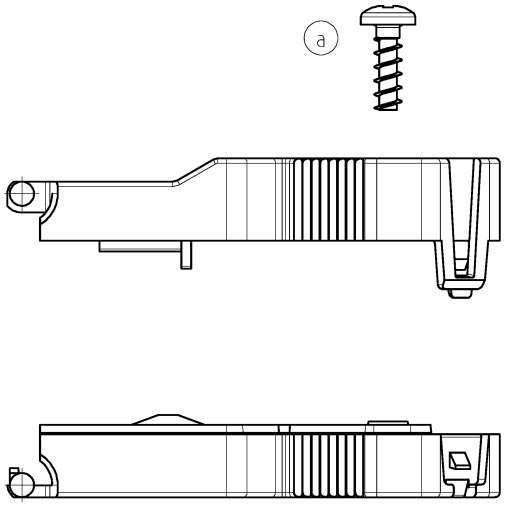
assembly

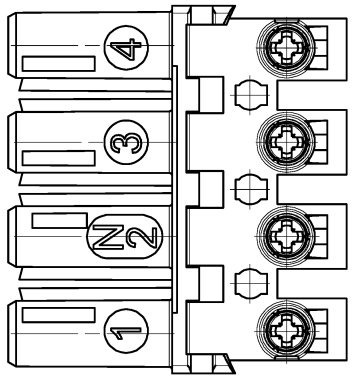
item no.	type	description
92.044.0058.0	device connector GST18I4L S1H WS	gesis® CLASSIC device connector, solder connector, horizontal, without fastening flange, number of poles 4, model male, connection type soldering connection, rated voltage 250 V / 400 V, rated current 20 A, color of coding/ contact carrier white
92.044.0158.0	device connector GST18I4L S1H GR01	gesis® CLASSIC device connector, solder connector, horizontal, without fastening flange, number of poles 4, model male, connection type soldering connection, rated voltage 250 V / 400 V, rated current 20 A, color of coding/ contact carrier pebble grey
92.207.1003.0	cable assembly GST18I4KSB- 15 10TR01	gesis® CLASSIC connection cable, female - free end, number of poles 4, 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

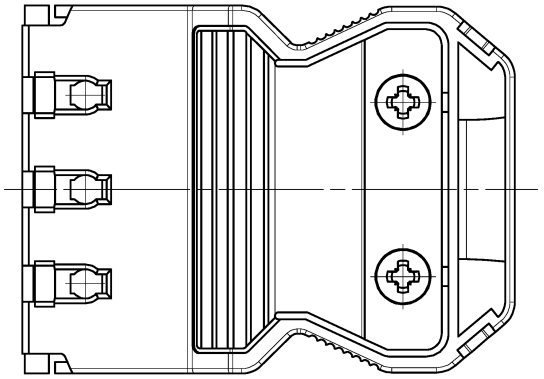
technical drawing

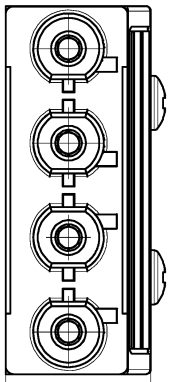
Auslieferunszustand: unmontiert
delivery condition: unmounted









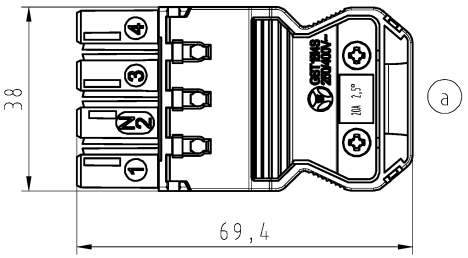


15

Type: GST18I4S B1 ZR1 TB03

Anwendung
nach Kundenwunsch
Apllication
according to
customers request

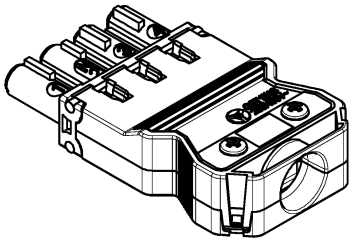
Darstellung M1:1 im montierten Zustand
representation M1:1 in assembled state



38

69,4

M/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 UU-TQM-05/03 ist einzuhalten.
Conformity with Wieland document UU-TQM-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: 1 von 1
Sheet: 1 of 1

	/	Werkstoff/Material	2014	Tag/Date	Name	Zeichnung Nr./Drawing No.	Index
	/	Farbe/colour:	gezeichnet drawn	08.01.	Ritter	92.943.3353.0 01K	a
	/	Maßstab/Scale 2:1	geprüft checked	-	-		
	/		Normgepr. Stand. check	-	-	Maße in mm/Dimensions are in mm	
	/	Vol. mm³	Ofl./Surf. mm²	Ersatz für/Replacement for: -			
	/			Type	Benennung/Title	*female connector with strain relief*	
a	07.08.2014/	wieland			BUCHSENTEIL_MIT_ZUGENTLASTUNG		
Index	Datum / Blatt Date / Sheet	www.wieland-electric.com			Schraubanschluss/ screw connection 250/400V AC, 20A, 2,5qmm		
Änderung/Revision							

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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