product data sheet

item no. 92.954.3053.1

connector GST18I5S S1BZR1 SW

Connector GST18i5, 5 pole, male, screw connection, 250/400 V, 20 A, colour of coding: black, colour of housing: black

item no.	92.954.3053.1
EAN	4015573538771
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 1
lockable	self-locking (unlocking by tool)
color of coding/ contact carrier	black
marking of poles	3, N, PE, 2, 1
color of housing inclusive strain relief	black

connection data

cable diameter max.	13.5 mm
cable diameter min.	9.5 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	46 mm
wire strip length	9 mm

model

model	male
connection type	screw connection
degree of protection (IP)	IP40

material

housing material	polyamide
halogen free	yes
contact material	CuZn
fire load	0 kWh
insulation components continous temperature	100 °C
surface finish	silver-plated

dimensions

length	75 mm

width	47.7 mm
height	17 mm

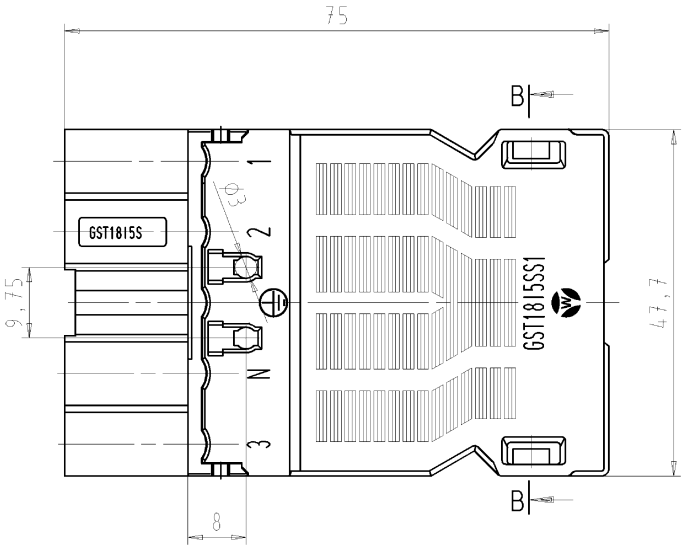
accessories

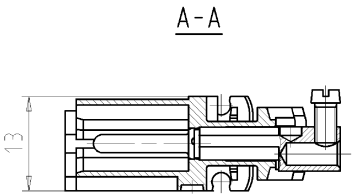
item no.	type	description
05.587.3156.0	lock (G)ST18 WS	Locking device for cable to cable connection GST18i3-5, white
05.587.3156.1	lock (G)ST18 SW	Locking device for cable to cable connection GST18i3-5, black
05.564.5353.0	cover cap GST18I3/4/5 SW	Cover piece 12 pole black for female parts GST18i3-6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

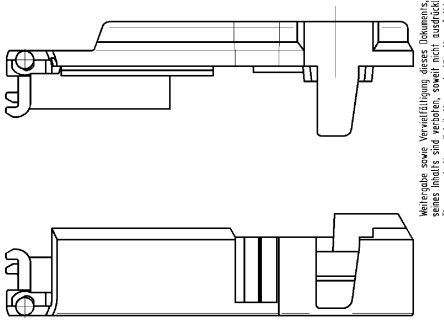
assembly

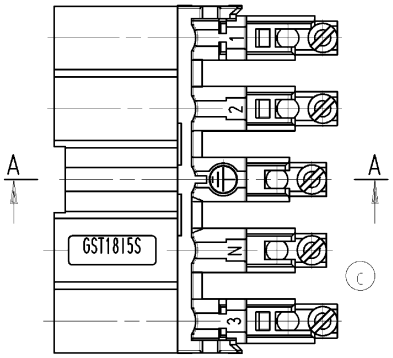
item no.	type	description
92.953.3053.1	connector GST18I5S B1BZR1 SW	Connector GST18i5, 5 pole, female, screw connection, 250/400 V, 20 A, colour of coding: black, colour of housing: black
92.053.0058.1	device connector GST18I5L B1H SW	GST18i5 Device connector, solder connector, horizontal, without fastening flange, number of poles 5, model female, connection type Soldering connection, rated voltage 250 V / 400 V, rated current 20 A, color of coding/ contact carrier black
92.257.1000.1	cable assembly GST18I5KSBS 15 10SW	GST18i5 connecting cable, female - male, 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 black
92.257.1003.1	cable assembly GST18I5K1B- 15 10SW	GST18i5 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 black
92.257.1004.1	cable assembly GST18I5KS-S 15 10SW	GST18i5 connection cable, male - 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 black

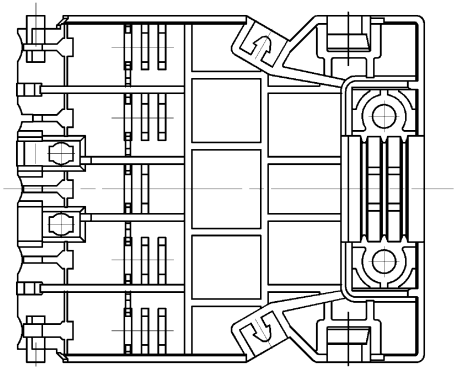
technical drawing



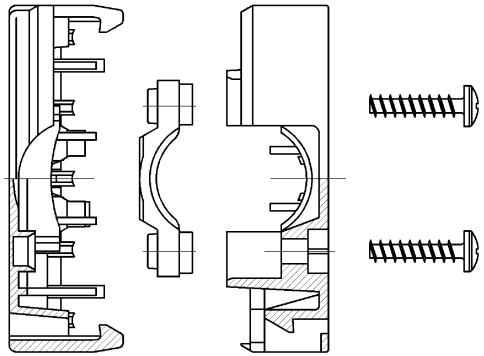








Teilschnitt B-B



Weitere Dataen siehe Katalog
further data see catalog

Teile - Nr. part-no.	Farbe colour	Typ/type (b)		Kabel-Außendurchmesser Klemmbereich cable lockable H05VV..	NYM..
92.954.3053.0	weiß / white	GST18I5S S1BZR1	WS	9,5 - 13,5 mm	10,5 - 12,5 mm
92.954.3053.1	schwarz / black	GST18I5S S1BZR1	SW		
92.954.3153.0	weiß / white	GST18I5S S1BZR2	WS	7,0 - 10,0 mm	
92.954.3153.1	schwarz / black	GST18I5S S1BZR2	SW		

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: 1 von 1 Sheet: 1 of 1

	/		Werkstoff/Material	2004	Tag/Date	Name	Zeichnung Nr./Drawing No.	Index
	/			gezeichnet drawn	08.12.	Treschan	T 92.954.3053.0 01K	d
d	14.01.2013/	Maßstab/Scale %		geprüft checked	-	-		
c	19.01.2010/	Vol. mm³	Oft./Surf. mm²	Normgeprüft Stand. check	-	-	Maße in mm/Dimensions are in mm	
b	18.03.2009/	Ersatz für/Replacement for: –						
a	16.11.2005/	wieland Elektrische Verbindungen		Type	Benennung/Title male connector with strain relief			
Index	Datum / Blatt Date / Sheet				STECKERTEIL_MIT_ZUGENTLASTUNG			
Änderung/Revision					Schraubanschluss/ screw connection			
					(d) 250/400V AC, 20A, 2,5qmm			

DU-PEM-08/91b

92954053053001K_2 CADW3028 treschan 2013-01-14T10:21:53 1.000

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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