

Data sheet

Commercial Art.No.: 92.954.4053.0

connector GST18I5S S1 ZR1 WS

gesis® CLASSIC connector, number of poles 5, male, connection type screw connection, rated voltage 250 V / 400 V, rated current 20 A, cable diameter 7 - 12 mm, color of coding/ contact carrier white



Commercial Art.No.	92.954.4053.0
EAN	4015573847040
Order Unit	1

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	white
Pole codification	3, N, PE, 2, 1
color of housing inclusive strain relief	white
RAL-Nummer Codierung/Kontakteinsatz	9016

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	male
connection type	screw connection

degree of protection (IP)	IP40
---------------------------	------

material

housing material	polyamide
halogen free	yes
contact material	CuZn
fire load	0.157 kWh/St
insulation components continuous temperature	100 °C
surface finish	silver-plated

dimensions

length	76.4 mm
width	47.75 mm
height	15 mm

classification

ECLASS 11	
ECLASS 8.1	27440605
ETIM 9.0	EC002560
ETIM 8.0	EC002560
ETIM 7.0	EC002560
ETIM 6.0	EC002560
ETIM 5.0	EC002560
ETIM 4.0	EC002560

product compliance

ROHS conformity status	compliant/exempted
ROHS exceptions	III-6(c)
REACH-SVHC conformity status	Duty-To-Declare
REACH-SVHC substances	Lead
REACH-SVHC CAS numbers	7439-92-1

Accessories

Commercial Art.No.:	Article-type description:	Description:
05.587.3156.0	lock (G)ST18 WS	Locking device for cable to cable connection GST18i3-5, white
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
05.587.3156.1	lock (G)ST18 SW	Locking device for cable to cable connection GST18i3-5, black

A
B
C
D
E
F

- ☐

These dimensions will be especially checked at delivery
- ☐

Only inspection dimensions
- ☐

With /E marked dimensions are only valid for internal use

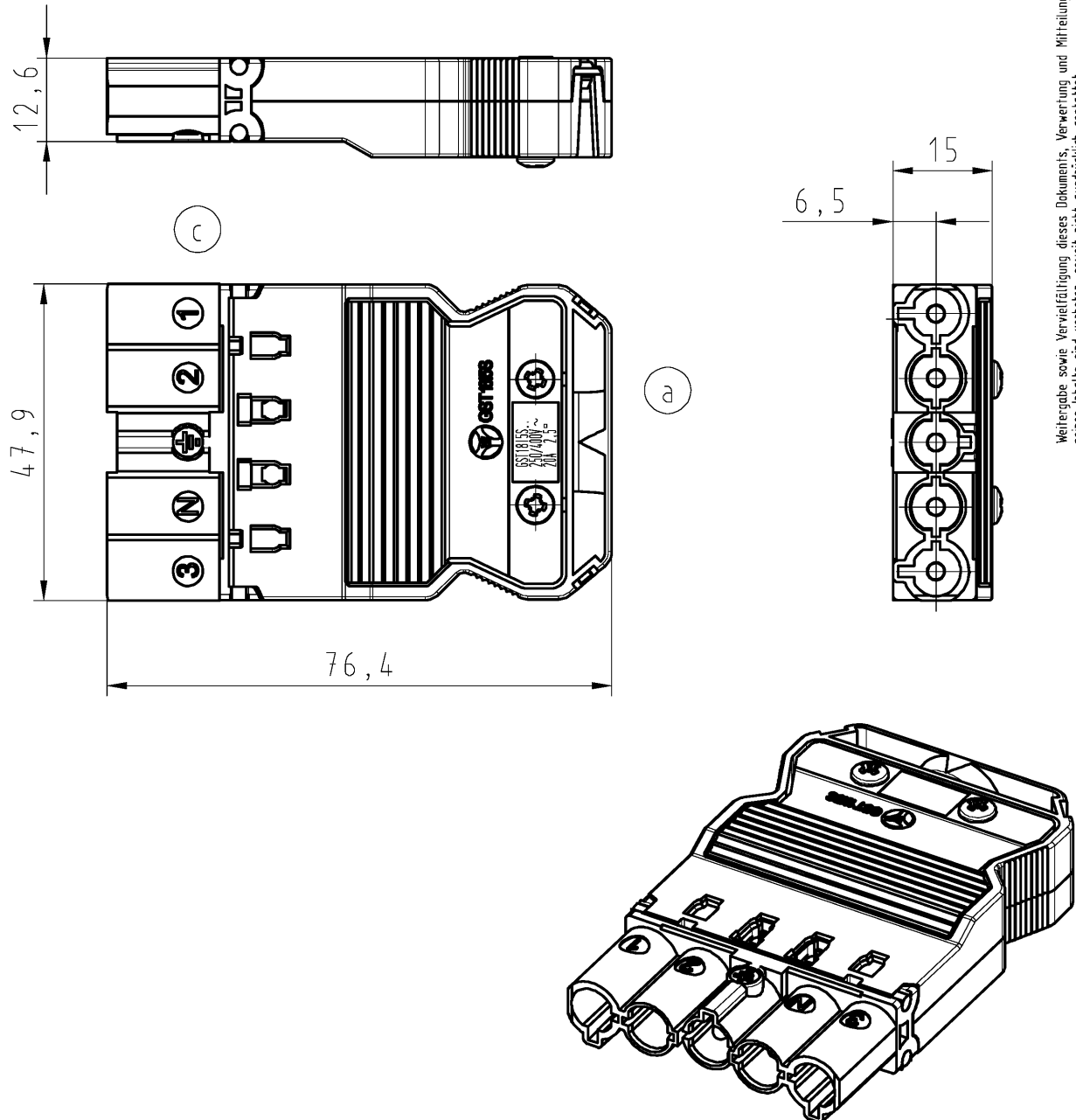
☐

Diese Maße werden bei Abnahme besonders geprüft

☐

Ausschließlich Prüfmaße

☐

Mit /E gekennzeichnete Maße sind nur für interne Zwecke gültig

Weitere Daten siehe Katalog
further data see catalog

Teil-Nr./part-number	Farbe/colour	Typ/type
92.954.4053.0	weiß white	GST1815S S1 ZR WS
92.954.4053.1	schwarz black	GST1815S S1 ZR SW

Tolerierung Size ISO 14405(E)/Tolerance system Size ISO 14405(E).
(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 DIN ISO 2768 - m

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	2007	Tag/Date	Name	T	Zeichnung Nr./Drawing No.	Index
	/			gezeichnet drawn	25.07.	Schmitt J.			
	/	Maßstab/Scale		geprüft checked	-	-			
	/			Normgepr. Stand. check	-	-			
								Maße in mm/Dimensions are in mm	

c	19.11.2015/	Vol.	mm³	Ofl./Surf.	mm²	Ersatz für/Replacement for: -			
b	19.11.2015/	 wieland www.wieland-electric.com				Type	Benennung/Title <i>male connector with strain relief</i>		
a	06.11.2012/					siehe Tabelle	STECKERTEIL MIT ZUGENTLASTUNG		
Index	Datum / Blatt Date / Sheet					see table	Schraubanschl./screw connection, unmontiert/unassembled		
Änderung/Revision						(a) 250/400V AC, 20A, 2,5qmm			

Weitergabe sowie Vervielfältigung dieses Dokuments, Verwertung und Mitteilung seines Inhalts sind verboten, soweit nicht ausdrücklich gestattet. Die Reproduktion, Distribution und Utilization of this document as well as the communication of its contents to others without express authorization is prohibited.