product data sheet

item no. 92.954.4553.0

connector GST18I5S S1 ZR1 S GR03

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 pebble grey



item no.	92.954.4553.0
EAN	4049088040061
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	pebble grey
Pole codification	3, N, PE, 2, 1
color of housing inclusive strain relief	black
RAL-Nummer Codierung/Kontakteinsatz	7032

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	42 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	0.158 kWh/St
insulation components continous temperature	100 °C
surface finish	silver-plated

dimensions

length	76.4 mm
width	47.75 mm
height	15 mm

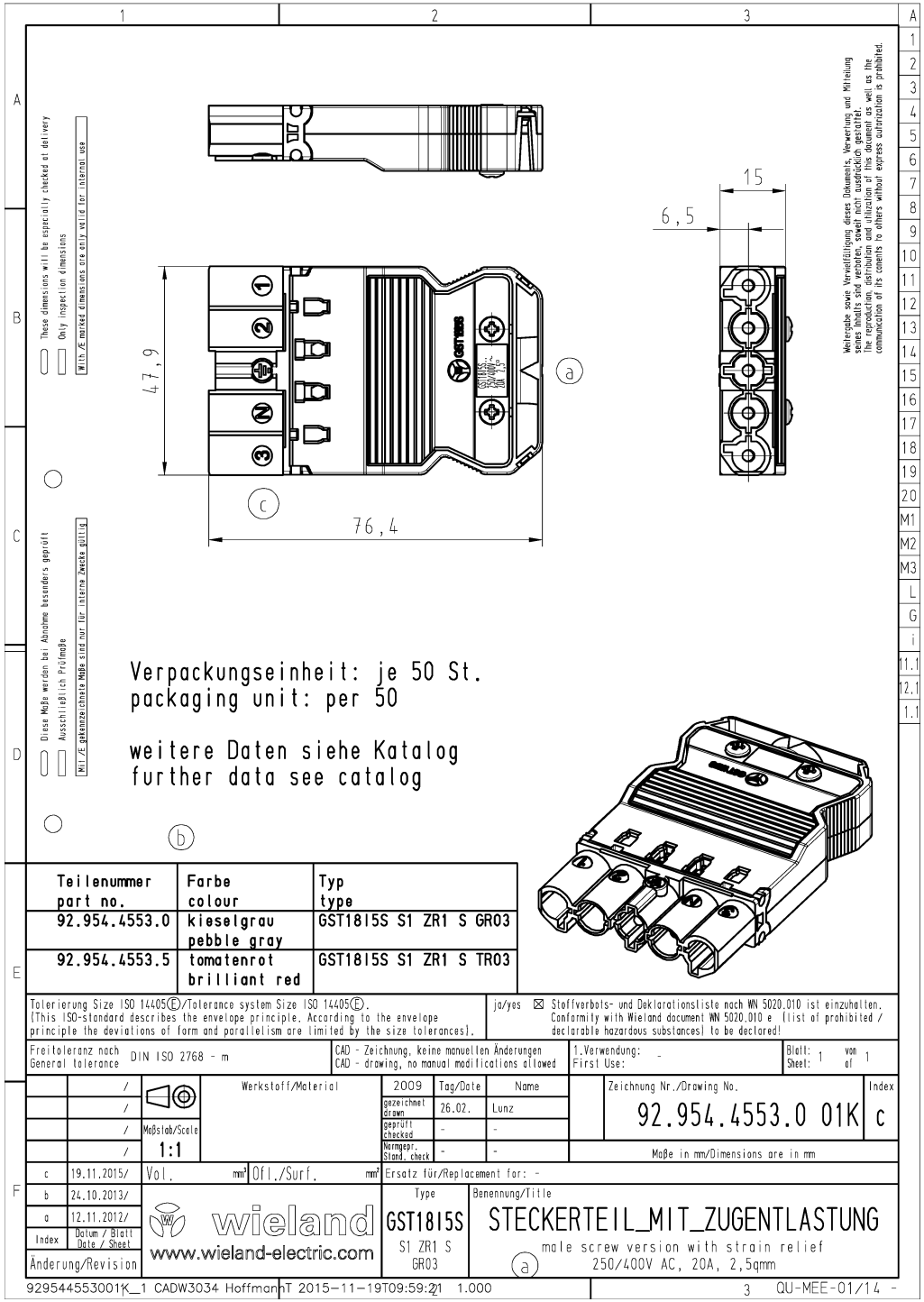
accessories

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
05.566.9253.0	cover cap GST18I5 BUCHSEN	Cover for female connectors GST18i5, black

assembly

item no.	type	description
92.053.0058.0	device connector GST18I5L B1H WS	gesis® CLASSIC 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 white
92.953.4553.0	connector GST18I5S B1 ZR1 S GR03	gesis® CLASSIC connector, 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 pebble grey
92.053.0258.0	device connector GST18I5L B1V BL01	gesis® CLASSIC device connector, solder connector, horizontal, without fastening flange, number of poles 5, model female, connection type soldering connection, rated voltage 50 V, rated current 6 A, color of coding/ contact carrier light blue
92.053.0458.0	device connector GST18I5L B1H PB02	gesis® CLASSIC 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 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



Teilenummer part no.	Farbe colour	Typ type
92.954.4553.0	kieselgrau pebble gray	GST18I5S S1 ZR1 S GR03
92.954.4553.5	tomatenrot brilliant red	GST18I5S S1 ZR1 S TR03

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: DIN ISO 2768 - m

CAD - Zeichnung, keine manuellen Änderungen / CAD - drawing, no manual modifications allowed

1.Verwendung: / First Use: -

Blatt / Sheet: 1 von / of 1

Index	Datum / Blatt / Date / Sheet	Änderung/Revision
c	19.11.2015/	Vol. mm³ Ofl./Surf. mm²
b	24.10.2013/	
a	12.11.2012/	

Werkstoff/Material

Maßstab/Scale: 1:1

	Tag/Date	Name
2009 gezeichnet / drawn	26.02.	Lunz
geprüft / checked	-	-
Normgepr. Stand. check	-	-

Zeichnung Nr./Drawing No.: 92.954.4553.0 01K | Index: c

Maße in mm/Dimensions are in mm

Ersatz für/Replacement for: -

wieland
www.wieland-electric.com

Type: GST18I5S S1 ZR1 S GR03

Benennung/Title: STECKERTEIL_MIT_ZUGENTLASTUNG
male screw version with strain relief
250/400V AC, 20A, 2,5qmm
a

929544553001K_1 CADW3034 HoffmannT 2015-11-19T09:59:21 1.000

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