

Data sheet

Commercial Art.No.: 92.953.4453.0

connector GST18I5S B1 ZR1 S PB02

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 pastel blue



Commercial Art.No.	92.953.4453.0
EAN	4015573960930
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 2
lockable	self-locking (unlocking by tool)
color of coding/ contact carrier	pastel blue
Pole codification	L, N, PE, D1, D2
color of housing inclusive strain relief	black
RAL-Nummer Codierung/Kontakteinsatz	5024

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	0.159 kWh/St
insulation components continuous temperature	100 °C
surface finish	tin-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

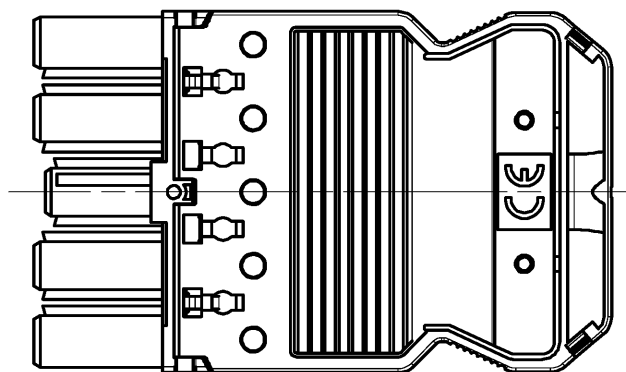
Commercial Art.No.:	Article-type description:	Description:
05.587.3156.0	lock (G)ST18 WS	Locking device for cable to cable connection GST18i3-5, white
05.564.5353.0	cover cap GST18i3/4/5 SW	Cover piece 12 pole black for female parts GST18i3-6
05.564.5353.2	cover cap GST18i3/4/5 WS	Cover piece 12 pole 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

These dimensions will be especially checked at delivery

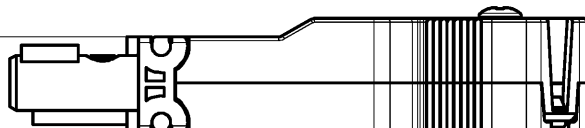
Only inspection dimensions

With /E marked dimensions are only valid for internal use

(a)

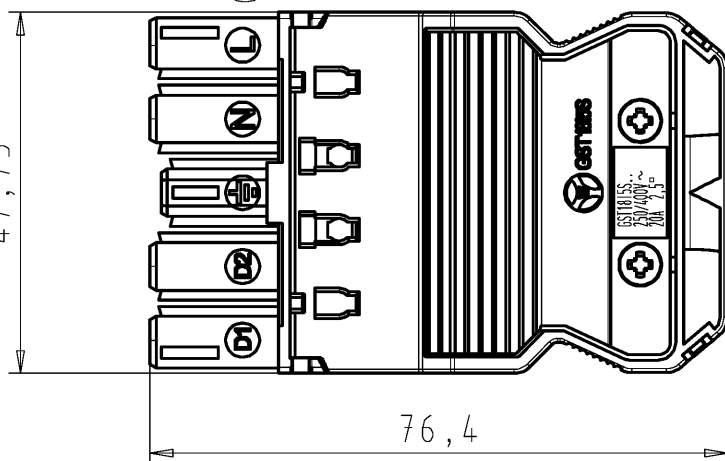


12,6



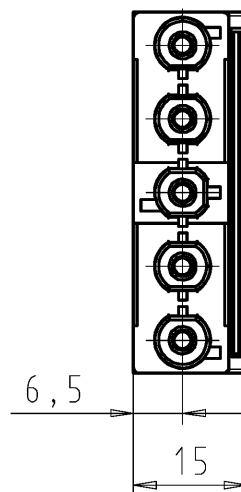
(c)

47,75



76,4

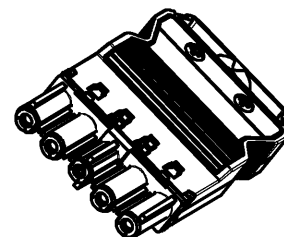
(b)



6,5

15

Weitere Daten siehe Katalog
further data see catalog



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 /
deklarable 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: of

	/		Werkstoff/Material	2007	Tag/Date	Name	Zeichnung Nr./Drawing No.	92.953.4453.0 01K	Index c	
	/			gezeichnet drawn	24.09.	Schmitt J.				
	/			Maßstab/Scale	geprüft checked	-				-
	/			2:1	Normgepr. Stand. check	-				-
c	01.12.2015/	Vol.	mm³	Ofl./Surf.	mm²	Ersatz für/Replacement for: -				
b	12.11.2012/	 wieland www.wieland-electric.com	Type GST1815S B1 ZR1 S PB02		Benennung/Title BUCHSENTEIL MIT ZUGENTLASTUNG female screw version with strain relief 250/400V AC, 20A, 2,5qmm					
a	29.07.2008/									
Index	Datum / Blatt Date / Sheet									
Änderung/Revision										