

## Data sheet

Commercial Art.No.: 92.051.3253.1

device connector GST18i5S B1 SW

GST18i5 Device connector, built-in component, single screw connection, number of poles 5, model female, connection type screw connection, rated voltage 250 V / 400 V, rated current 20 A, color of coding/ contact carrier black



Commercial Art.No.	92.051.3253.1
EAN	4015573545908
Order Unit	1

certificates / approvals



## Technical data

### general

rated current	20 A
rated voltage	250 V / 400 V
pollution degree	2
mechanical coding	code 1
rated impulse voltage	4 kV
lockable	self-locking (unlocking by tool)
color of coding/ contact carrier	black
marking of poles	3, N, PE, 2, 1

### connection data

connection cross section solid mm <sup>2</sup> max.	4 mm <sup>2</sup>
connection cross section solid mm <sup>2</sup> min.	0.75 mm <sup>2</sup>
connection cross section fine stranded mm <sup>2</sup> max.	4 mm <sup>2</sup>
connection cross section fine stranded mm <sup>2</sup> min.	0.75 mm <sup>2</sup>
terminations per pole	1
wire strip length	7 mm

### model

model	female
connection type	screw connection
angle of plug	straight
degree of protection (IP)	IP20
remark to type of connection	fine stranded wires 4 mm <sup>2</sup> only without ferrules
built-in component	built-in component/connector

### material

housing material	polyamide
halogen free	yes
contact material	CuZn
fire load	0.059 kWh
insulation components continuous temperature	100 °C
surface finish	tin-plated

#### dimensions

length	31.5 mm
width	47.7 mm
height	19.5 mm

#### classification

ECLASS 11	
ECLASS 8.1	27440602
ETIM 9.0	EC002566
ETIM 8.0	EC002566
ETIM 7.0	EC002566
ETIM 6.0	EC002566
ETIM 5.0	EC002566
ETIM 4.0	EC002566

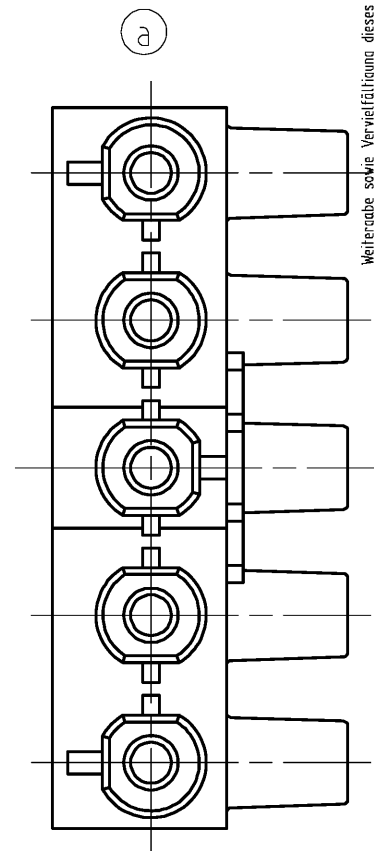
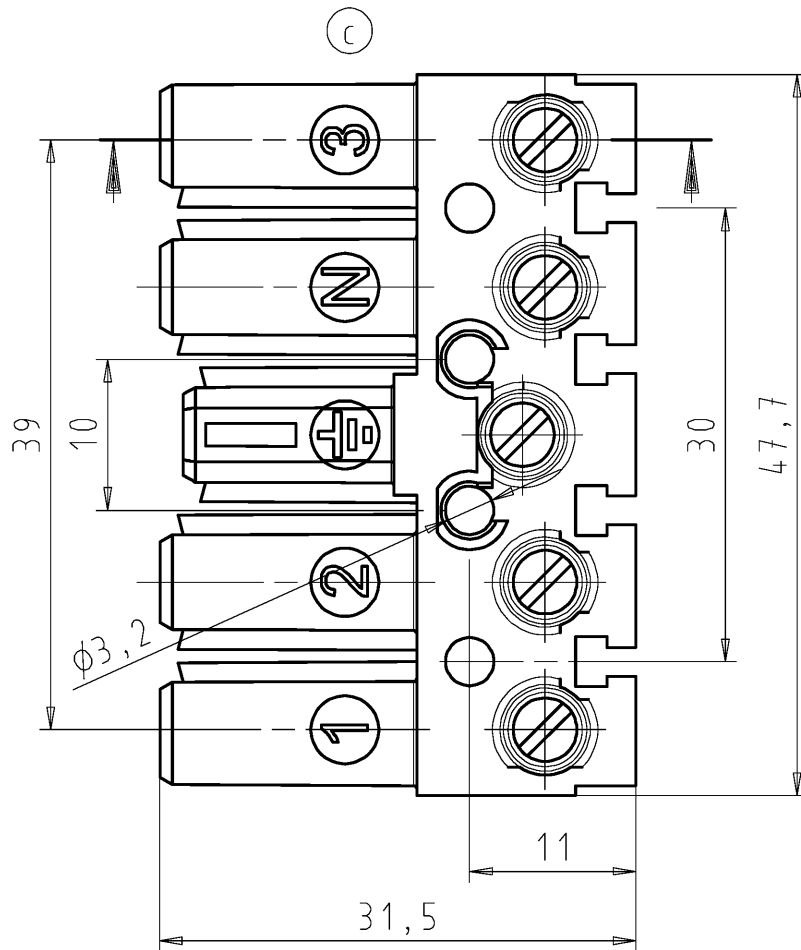
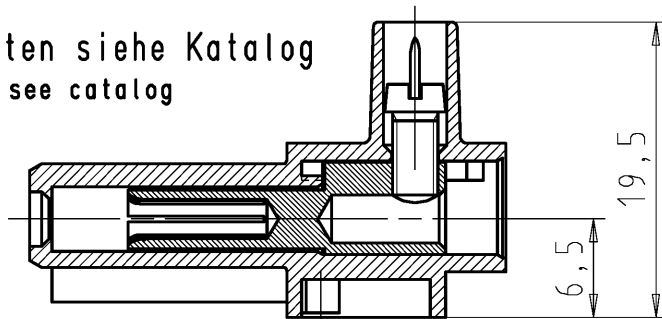
#### product compliance

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:
05.564.5353.0	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
34.300.1122.1	mounting sheet GST18 3-10 POLIG	GST18® Mounting sheet, mounting angle built-in component

Weitere Daten siehe Katalog  
further data see catalog



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92.051.3257.0	hell elfenbein /light ivory	GST1815S B1 N	glühdrahtbeständiges Material nach IEC 60335-1 /glow-wire resistant material according to IEC 60335-1
92.051.3253.0	weiß /white	GST1815S B1 WS	
92.051.3253.1	schwarz /black	GST1815S B1 SW	
Teilenummer /partnumber	Farbe /color	Typ /type	Bemerkung /note

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  
General tolerance

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

1.Verwendung:  
First Use:

Blatt: 1 von 1  
Sheet: of

	/		Werkstoff/Material	2004	Tag/Date	Name	Zeichnung Nr./Drawing No.	Index
	/			gezeichnet drawn	08.06.	Schmitt J.		
	/			geprüft checked	-	-		
	/			Normgepr. Stand. check	-	-		
	/	Maßstab/Scale	2:1	Maße in mm/Dimensions are in mm				
c	13.08.2015/	Vol.	mm <sup>3</sup>	Ofl./Surf.	mm <sup>2</sup>	Ersatz für/Replacement for: -		
b	02.01.2013/	<b>wieland</b> www.wieland-electric.com			Type	Benennung/Title		
a	02.06.2010/				<b>BUCHSENTEIL</b> female connection 250/400V AC, 20A, 2,5qmm			
Index	Datum / Blatt Date / Sheet							
Änderung/Revision								