

## Data sheet

Commercial Art.No.: 92.944.0053.1

connector GST18i4F S2 ZR1 SW

GST18i4 Connector, number of poles 4, male, connection type spring clamp connection, rated voltage 250 V / 400 V, rated current 20 A, cable diameter 9.5 - 11.5 mm, color of coding/ contact carrier black



Commercial Art.No.	92.944.0053.1
EAN	4015573410596
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	black
marking of poles	2, N, PE, 1
color of housing inclusive strain relief	black

### connection data

cable diameter max.	11.5 mm
cable diameter min.	9.5 mm
connection cross section solid mm <sup>2</sup> max.	2.5 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.	1.5 mm <sup>2</sup>
connection cross section fine stranded mm <sup>2</sup> min.	0.75 mm <sup>2</sup>
terminations per pole	2
sheath strip length	53 mm
wire strip length	9 mm

### model

model	male
connection type	spring clamp connection
degree of protection (IP)	IP40

remark to type of connection	fine stranded and stranded conductors require cable end sleeve
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#### material

housing material	polyamide
halogen free	yes
contact material	CuZn
fire load	0.152 kWh
insulation components continuous temperature	100 °C
surface finish	tin-plated

#### dimensions

length	75 mm
width	42.25 mm
height	17 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

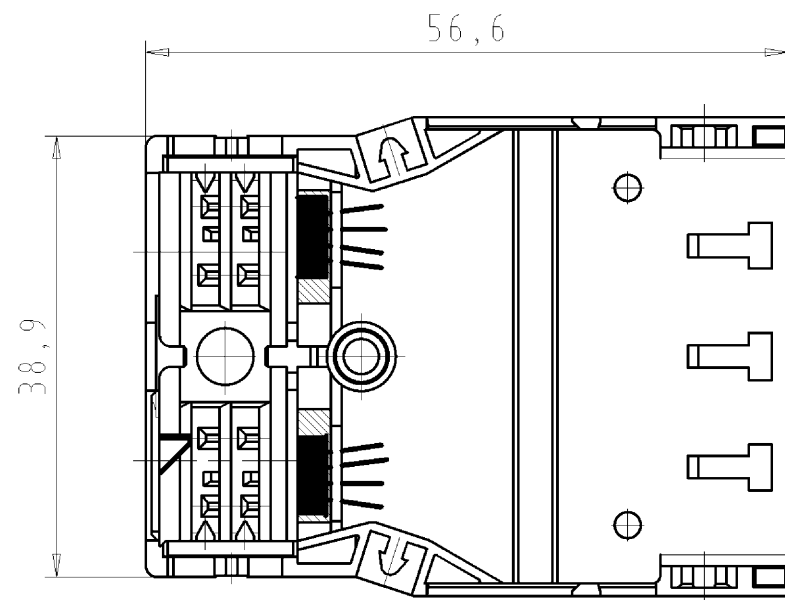
## Accessories

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
05.566.9153.0	cover cap GST18i4 BUCHSEN	Cover for female connectors GST18i4, black
05.587.3156.1	lock (G)ST18 SW	Locking device for cable to cable connection GST18i3-5, black

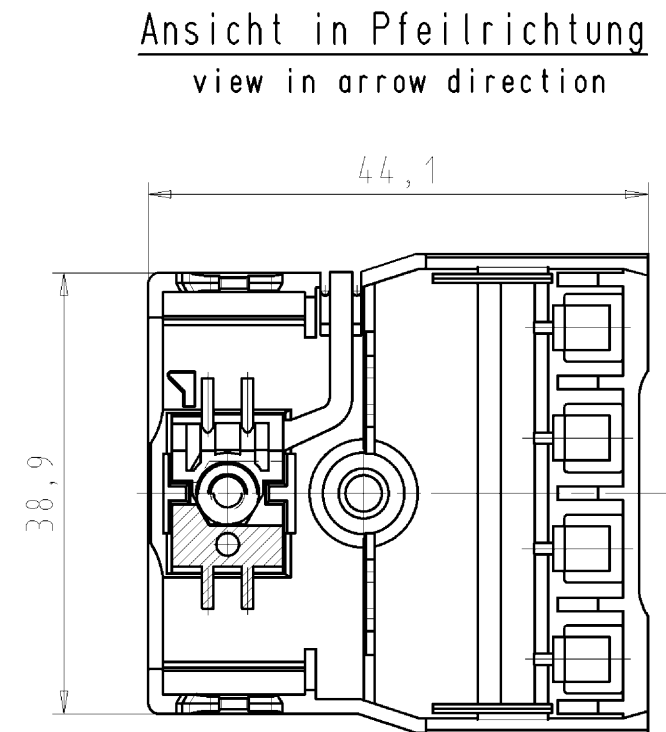
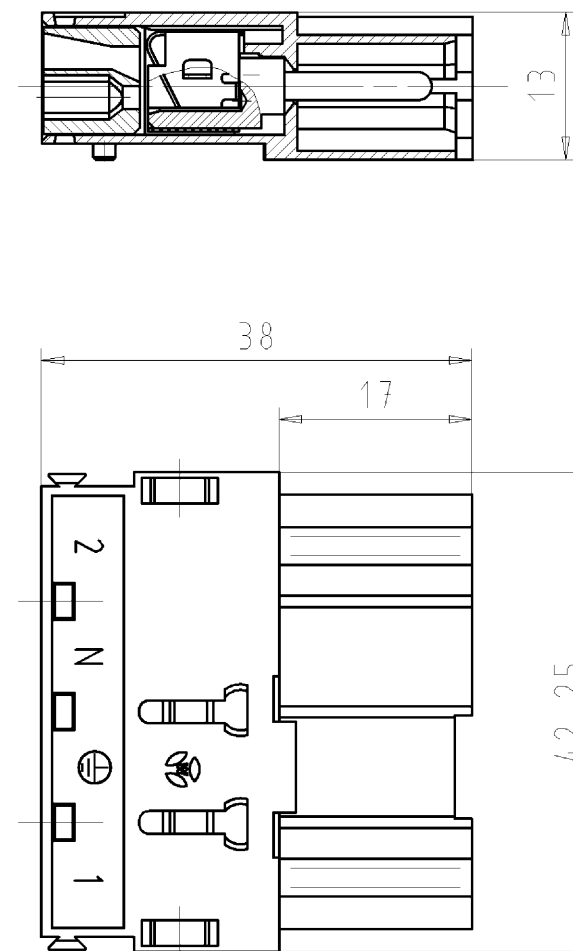
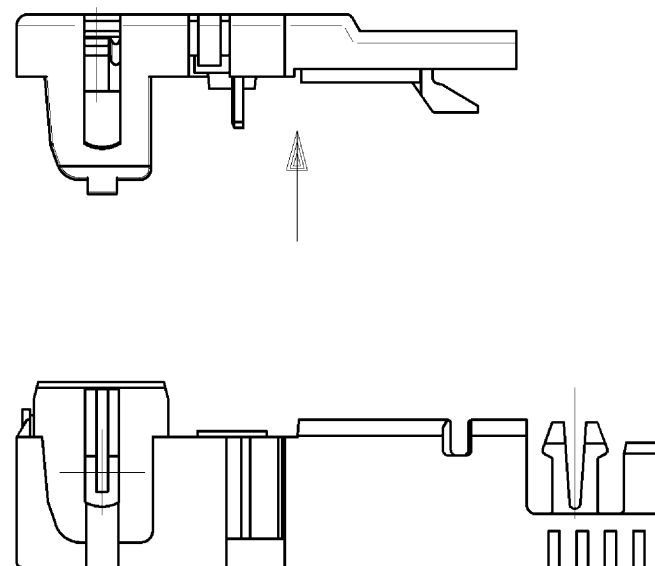
## Fits with

Commercial Art.No.:	Article-type description:	Description:
92.943.0053.1	connector GST18i4F B2 ZR1 SW	GST18i4 Connector, number of poles 4, female, connection type spring clamp connection, rated voltage 250 V / 400 V, rated current 20 A, cable diameter 9.5 - 11.5 mm, color of coding/ contact carrier black



92.043.0058.1	device connector GST18i4L B1H SW	GST18i4 Device connector, solder connector, horizontal, without fastening flange, number of poles 4, model female, connection type Soldering connection, rated voltage 250 V / 400 V, rated current 20 A, color of coding/ contact carrier black
92.207.1000.1	cable assembly GST18i4KSBS 15 10SW	GST18i4 connecting cable, female - male, number of poles 4, 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 mm <sup>2</sup> , color of coding/ contact carrier black
92.207.1003.1	cable assembly GST18i4KSB- 15 10SW	GST18i4 connection cable, female - free end, number of poles 4, 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 mm <sup>2</sup> , color of coding/ contact carrier black
92.207.1004.1	cable assembly GST18i4KS-S 15 10SW	GST18i4 connection cable, male - free end, number of poles 4, 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 mm <sup>2</sup> , color of coding/ contact carrier black



Schraube M3 im Beutel beigelegt  
screw M3 enclosed in the bag



Ansicht in Pfeilrichtung  
view in arrow direction

Tolerierung nach DIN 7167/Tolerance system acc. to DIN 7167. (This DIN-standard describes the envelope principle. According to the envelope principle the deviations of form and parallelism are limited by the size tolerances).					ja/yes <input checked="" type="checkbox"/> 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: of	
	/		Werkstoff/Material	2011	Tag/Date	Name	T	Zeichnung Nr./Drawing No.	92.944.0053.0 01K	Index a
	/			gezeichnet drawn	10.03.	Dütsch T.				
	/			geprüft checked	-	-				
	/			Normgepr. Stand. check	-	-				
			Maße in mm/Dimensions are in mm							
	/	Vol.	mm³	Ofl./Surf.	mm²	Ersatz für/Replacement for: -				
	/		wieland	Type	Benennung/Title <b>MALE CONNECTOR WITH STRAIN RELIEF STECKERTEIL_M_ZUGENTLASTUNG</b>  Federkraftanschluß / spring clamp connection (a) 250/400V AC, 20A, 2,5qmm					
a	29.11.2013/									
Index	Datum / Blatt Date / Sheet									
Änderung/Revision										
			Elektrische Verbindungen							

Weitere Daten siehe Katalog  
further data see catalog

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  
Ausschließliche Prüfmaße  
Mit /E gekennzeichnete Maße sind nur für interne Zwecke gültig

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