

## Data sheet

Commercial Art.No.: 92.932.3853.0

Connector GST18I3S S1 ZR1 BR05

GST18i3 connector, 3 pole, male with screw connection, coding switching function  
250 V, 20 A, coding color brown, strain relief color black



Commercial Art.No.	92.932.3853.0
EAN	4015573987005
Order Unit	1

Certificates / Approvals



## Technical data

### General

Rated current	20 A
Rated voltage	250 V
Rated impulse voltage	4 kV
strain relief	yes
Pollution degree	2
Mechanical coding	Code 4
Lockable	self-locking (unlocking by tool)
Color of coding/ contact carrier	brown
Marking of poles	1, 2, 3
Color of housing inclusive strain relief	black

### Connection Data

Cable diameter max.	10.5 mm
Cable diameter min.	6.5 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.	0.5 mm <sup>2</sup>
Connection cross section fine stranded mm <sup>2</sup> max.	2.5 mm <sup>2</sup>
Connection cross section fine stranded mm <sup>2</sup> min.	0.5 mm <sup>2</sup>
Terminations per pole	1
sheath strip length	38.5 mm
Wire strip length	7 mm

### Model

Model	male
Connection type	screw connection

Degree of protection (IP)	IP20
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#### Material

Housing material	Polyamide
halogen free	yes
Contact material	CuZn
Fire load	0.093 kWh
Insulation components continuous temperature	100 °C
Surface finish	Tin-plated

#### Dimensions

Length	69.4 mm
Width	28.2 mm
Height	12.6 mm

#### Classification

ECLASS 11	
ECLASS 8.1	27440605
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
06.561.7853.0	mounting frame GST18i3 SW	Mounting frame to snap in GST18i3 connectors into a housing or furniture. Wall thickness: 1,5-2,5 mm. Holds GST18i3 connectors with screw or spring connection and pre- assembled cables.
05.561.3653.0	cover cap GST18i3VS B WS	Cover piece for female GST18i3, white
05.561.3653.1	cover cap GST18i3VS B SW	Cover piece for female GST18i3, 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
05.594.4250.0	cover cap ST18/3B + GST18i3 ST WS	
05.594.4253.0	cover cap ST18/3B + GST18i3 ST WS	
05.587.3156.1	Lock (G)ST18 SW	Locking device for cable to cable connection GST18i3-5, black

#### Fits with

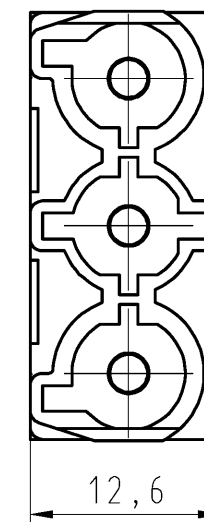
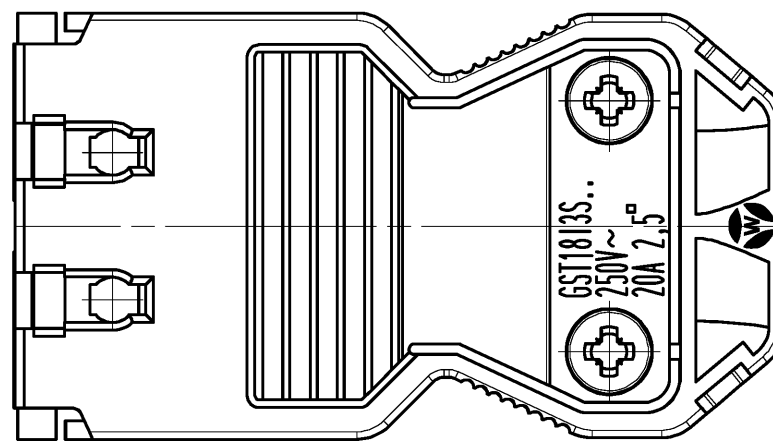
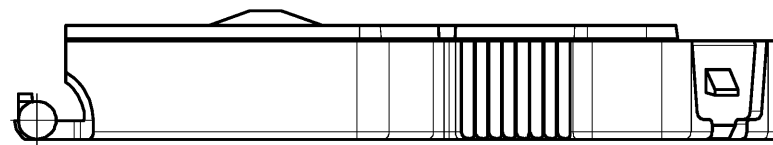
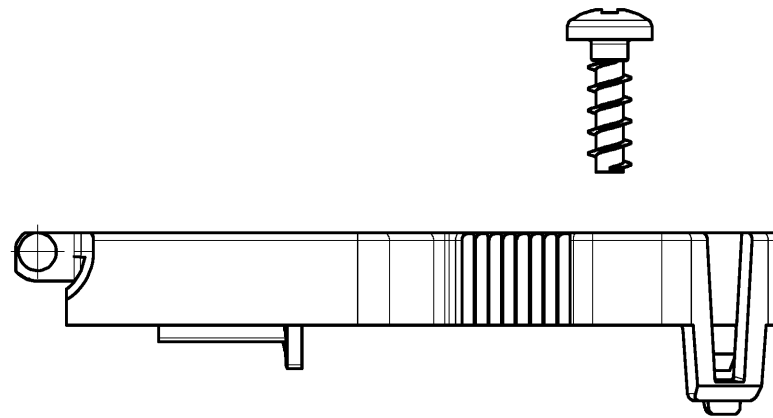
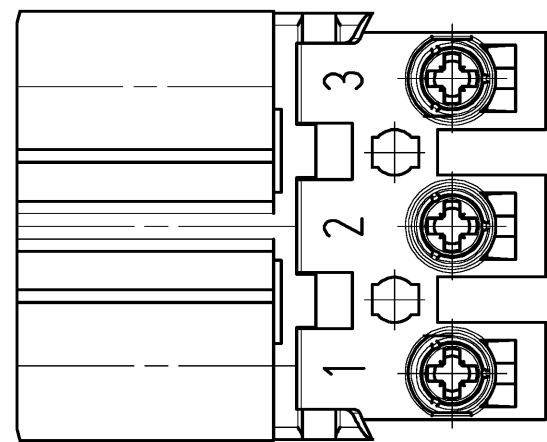
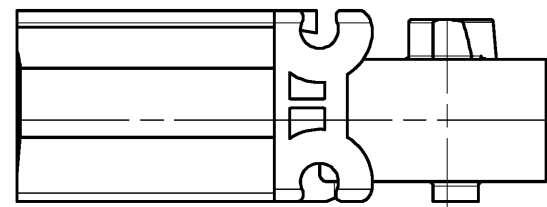
Commercial Art.No.:	Article-type description:	Description:

92.931.3853.0	Connector GST18i3S B1 ZR1 BR05	GST18i3 connector, 3 pole, female with screw connection, coding switching function 250 V, 20 A, coding color brown, strain relief color black
92.031.3258.0	Device connector GST18i3S B1 WS	GST18i3 built-in component, 3 pole, female with screw connection, coding mains 250 V, 20 A, coding color white
92.031.0058.0	Device connector GST18i3L B1V WS	GST18i3 PCB mount with additional mounting option, 3 pole, female (vertical), coding mains 250 V, 20 A, coding color white
92.031.3458.0	Device connector GST18i3S B1 GR01	GST18i3 built-in component, 3 pole, female with screw connection, coding UPS 250 V, 20 A, coding color pebble grey
92.031.0158.0	Device connector GST18i3L B1V GR01	GST18i3 PCB mount with additional mounting option, 3 pole, female (vertical), coding UPS 250 V, 20 A, coding color pebble grey
92.031.3658.0	Device connector GST18i3S B1 RT03	GST18i3 built-in component, 3 pole, female with screw connection, coding mains 250 V, 20 A, coding color salmon pink
92.031.3858.0	Device connector GST18i3S B1 BR05	GST18i3 built-in component, 3 pole, female with screw connection, coding switching function 250 V, 20 A, coding color brown
92.031.0658.0	Device connector GST18i3L B1V BR05	GST18i3 PCB mount with additional mounting option, 3 pole, female (vertical), coding switching function 250 V, 20 A, coding color brown
92.297.1003.0	Cable assembly GST18i3KSB- 15 10TR01	GST18i3 extension cable female - free end, length 1.0 m, 3 pole, coding UPS 250 V, 16 A, coding color tomato red, strain relief color black, cable color black, cross section 1.5 mm <sup>2</sup> , cable type H05VV-F, fire class: Eca
92.232.1004.4	Cable assembly GST18i3KS-S 15 10BR05	GST18i3 extension cable male - free end, length 1.0 m, 3 pole, coding switching function 250 V, 16 A, coding color brown, strain relief color black, cable color black, cross section 1.5 mm <sup>2</sup> , cable type H05VV-F, fire class: Eca
92.031.0758.0	Device connector GST18i3L B1V RT03	GST18i3 PCB mount with additional mounting option, 3 pole, female (vertical), coding mains 250 V, 20 A, coding color salmon pink
92.031.0858.0	Device connector GST18i3L B1V H RT03	Device connector, PCB mount, GST18i3, 3 pole, vertical, with fixing hooks, female, 250 V, 20 A, colour of coding: salmon red
92.232.1003.4	Cable assembly GST18i3KSB- 15 10BR05	GST18i3 extension cable female - free end, length 1.0 m, 3 pole, coding switching function 250 V, 16 A, coding color brown, strain relief color black, cable color black, cross section 1.5 mm <sup>2</sup> , cable type H05VV-F, fire class: Eca
92.232.1000.4	Cable assembly GST18i3KSBS 15 10BR05	GST18i3 connection cable female - male, length 1.0 m, 3 pole, coding switching function 250 V, 16 A, coding color brown, strain relief color black, cable color black, cross section 1.5 mm <sup>2</sup> , cable type H05VV-F, fire class: Eca
92.031.0358.0	Device connector GST18i3L B1V GN07	gegis® device connector, PCB mount, GST18i3, 3 pole, vertical, female, 250 V, 20 A, colour of coding: may green
92.031.3558.0	Device connector GST18i3S B1 GN07	GST18i3 built-in component, 3 pole, female with screw connection, coding according to customer requirement with PE, 20 A, coding color may green
92.031.0558.0	Device connector GST18i3L B1V TB06	GST18i3 PCB mount with additional mounting option, 3 pole, female (vertical), coding mains 250 V, 20 A, coding color turquoise blue
92.031.3958.0	Device connector GST18i3S B1 TB06	GST18i3 built-in component, 3 pole, female with screw connection, coding according to customer requirement without PE, 20 A, coding color turquoise blue
92.031.3758.0	Device connector GST18i3S B1 PB04	GST18i3 built-in component, 3 pole, female with screw connection, coding not SELV, 20 A, coding color pastel blue
92.031.0458.0	Device connector GST18i3L B1V PB04	GST18i3 PCB mount with additional mounting option, 3 pole, female (vertical), coding not SELV, 20 A, coding color pastel blue

Auslieferungszustand: unmontiert  
delivery condition: unmounted

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

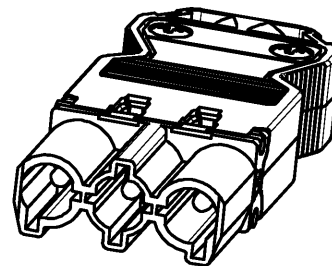
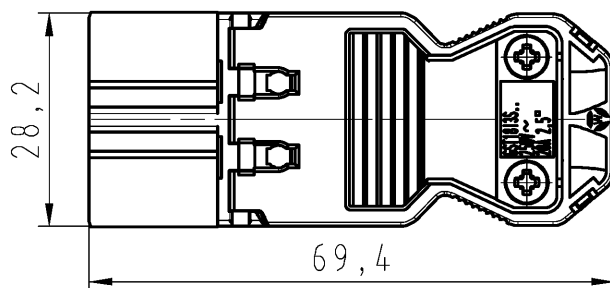


Anwendung: Schaltanwendung  
Application: switching application

Ansicht im montierten Zustand  
drawn in assembled condition

M/scale 1:1

Type:  
 GST1813S S1 ZR1 BR05



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 <input checked="" type="checkbox"/> Stoffverbots- und Deklarationsliste nach UU-TQM-05/03 ist einzuhalten. Conformity with Wieland document UU-TQM-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 Farbe: braun colour: brown		2007 Tag/Date Name gezeichnet/drawn 24.09. Schaber		Zeichnung Nr./Drawing No. 92.932.3853.0 01K	
/ Maßstab/Scale 2:1		/		/ Normgepr. / Stand. check		Maße in mm/Dimensions are in mm	
/ Vol.		mm <sup>3</sup> Of l./Surf. mm <sup>2</sup>		Ersatz für/Replacement for: -		Index	
/		/		/		/	
/		/		/		/	
Index		Datum / Blatt Date / Sheet		Type		Benennung/Title	
Änderung/Revision		wieland Elektrische Verbindungen		MALE CONNECTOR WITH STRAIN RELIEF STECKERT MIT ZUGENTLASTUNG mit Schraubanschluss / with screw connection 250V AC 20A 2,5qmm			

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