product data sheet

item no. 92.934.0153.0

connector GST18I3F S2 ZR1 GR01

gesis® CLASSIC connector, number of poles 3, male, connection type spring clamp connection, rated voltage 250 V, rated current 20 A, cable diameter 7.8 - 10.3 mm, color of coding/ contact carrier pebble grey



item no.	92.934.0153.0
EAN	4015573410541
order unit	50 piece(s)

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 2
lockable	self-locking (unlocking by tool)
color of coding/ contact carrier	pebble grey
Pole codification	L, N, PE
color of housing inclusive strain relief	black
RAL-Nummer Codierung/Kontakteinsatz	7032

connection data

cable diameter max.	10.3 mm
cable diameter min.	7.8 mm
connection cross section solid mm² max.	2.5 mm²
connection cross section solid mm² min.	0.5 mm²
connection cross section fine stranded mm² max.	1.5 mm²
connection cross section fine stranded mm² min.	0.5 mm²
terminations per pole	2
sheath strip length	44.5 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

material

housing material	polyamide

halogen free	yes
contact material	CuZn
fire load	0.117 kWh/St
insulation components continous temperature	100 °C
surface finish	tin-plated

dimensions

length	75 mm
width	32.5 mm
height	15.5 mm

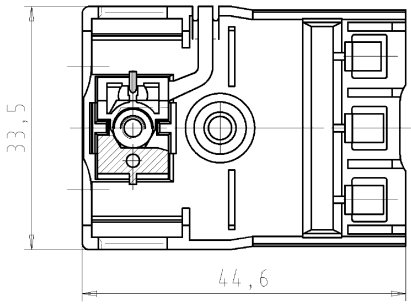
accessories

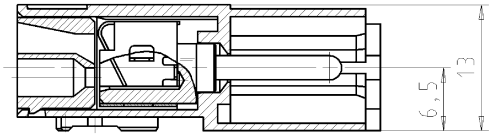
item no.	type	description
05.587.3156.0	lock (G)ST18 WS	Locking device for cable to cable connection GST18i3-5, white
05.587.3156.1	lock (G)ST18 SW	Locking device for cable to cable connection GST18i3-5, black
06.561.7853.0	mounting frame GST18I3 SW	Mounting frame to snap in GST18i3 connectors into a 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	

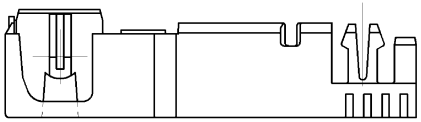
assembly

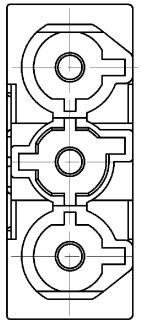
item no.	type	description
92.933.0153.0	connector GST18I3F B2 ZR1 GR01	gesis® CLASSIC connector, number of poles 3, female, connection type spring clamp connection, rated voltage 250 V, rated current 20 A, cable diameter 7.8 - 10.3 mm, color of coding/ contact carrier pebble grey
92.033.0058.0	device connector GST18I3L B1H WS	gesis® CLASSIC device connector, solder connector, horizontal, without fastening flange, number of poles 3, model female, connection type soldering connection, rated voltage 250 V, rated current 20 A, color of coding/ contact carrier white
92.033.0158.0	device connector GST18I3L B1H GR01	gesis® CLASSIC device connector, solder connector, horizontal, without fastening flange, number of poles 3, model female, connection type soldering connection, rated voltage 250 V, rated current 20 A, color of coding/ contact carrier pebble grey
92.033.0658.0	device connector GST18I3L B1H BR05	gesis® CLASSIC device connector, solder connector, horizontal, without fastening flange, number of poles 3, model female, connection type soldering connection, rated voltage 250 V, rated current 20 A, color of coding/ contact carrier brown
92.232.1000.3	cable assembly GST18I3K1BS 15 10GR01	gesis® CLASSIC connecting cable, female - male, number of poles 3, rated voltage 250 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 pebble grey
92.232.1003.3	cable assembly GST18I3K1B- 15 10GR01	gesis® CLASSIC connection cable, female - free end, number of poles 3, rated voltage 250 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 pebble grey
92.297.1003.0	cable assembly GST18I3KSB- 15 10TR01	gesis® CLASSIC connection cable, female - free end, number of poles 3, rated voltage 250 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
92.232.1004.3	cable assembly GST18I3K1-S 15 10GR01	gesis® CLASSIC connection cable, male - free end, number of poles 3, rated voltage 250 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 pebble grey
92.033.0758.0	device connector GST18I3L B1H RT03	gesis® CLASSIC device connector, solder connector, horizontal, without fastening flange, number of poles 3, model female, connection type soldering connection, rated voltage 250 V, rated current 20 A, color of coding/ contact carrier salmon pink
92.033.0858.0	device connector GST18I3L B1H H RT03	gesis® CLASSIC device connector, solder connector, horizontal, without fastening flange, number of poles 3, connection type soldering connection, rated voltage 250 V, rated current 20 A, color of coding/ contact carrier salmon pink
92.033.0358.0	device connector GST18I3L B1H GN07	gesis® CLASSIC device connector, solder connector, horizontal, without fastening flange, number of poles 3, connection type soldering connection, rated voltage 250 V, rated current 20 A, color of coding/ contact carrier may green
92.033.0558.0	device connector GST18I3L B1H TB06	gesis® CLASSIC device connector, solder connector, horizontal, without fastening flange, number of poles 3, connection type soldering connection, rated voltage 250 V, rated current 20 A, color of coding/ contact carrier turquoise blue
92.033.0458.0	device connector GST18I3L B1H PB04	gesis® CLASSIC device connector, solder connector, horizontal, without fastening flange, number of poles 3, model female, connection type soldering connection, rated voltage 250 V, rated current 20 A, color of coding/ contact carrier pastel blue

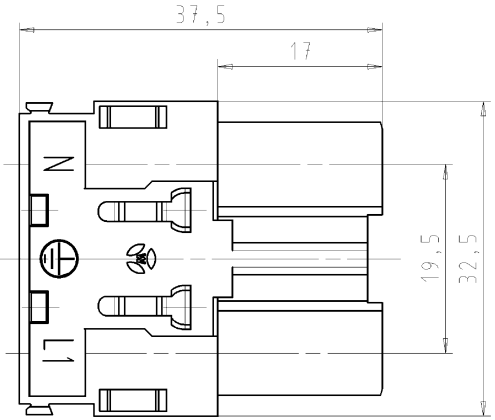
technical drawing

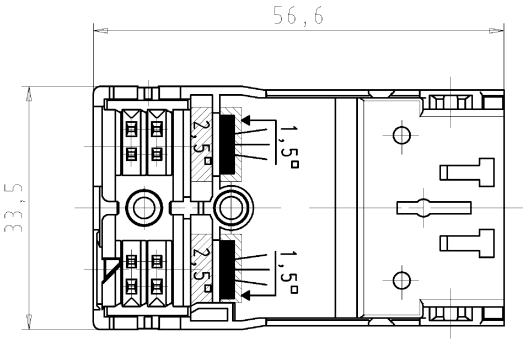












Weitere Daten siehe Katalog
further data see catalog

Teilenummer part number	Farbe colour	Typ type
92.934.0153.0	grau grey	GST1813F S2 ZR1 GR01
92.934.0153.5	tomatenrot brilliant red	GST1813F S2 ZR1 TR01

(a)

Tolerierung nach DIN 7167/Tolerance system acc. to DIN 7167.
(This DIN-standard desbribes 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 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: 1 of 1

Werkstoff/Material		2009	Tag/Date	Name	Zeichnung Nr./Drawing No. T 92.934.0153.0 01K a
Maßstab/Scale %		gezeichnet drawn	24.02.	Duetsch T.	
		geprüft checked	-	-	
		Normgepr. Stand. check	-	-	Maße in mm/Dimensions are in mm
Vol. mm³	Oft./Surf. mm²	Ersatz für/Replacement for: -			
a 03.05.2013/ Index Datum / Blatt Date / Sheet	wieland Elektrische Verbindungen	Type	Benennung/Title MALE CONNECTOR WITH STRAIN RELIEF STECKERTEIL_MIT_ZUGENTLASTUNG m. Federkraftanschluß/with spring clamp connection 16A 250V AC 2,5 qmm		

Änderung/Revision

OU-PEM-08/91

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Only inspection dimensions
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