product data sheet

item no. 92.943.3253.0

connector GST18I4S B1 ZR1 GN02

gesis® CLASSIC connector, number of poles 4, female, connection type screw connection, rated voltage 250 V / 400 V, rated current 20 A, cable diameter 6.8 - 11.5 mm, color of coding/ contact carrier may green



item no.	92.943.3253.0
EAN	4049088248658
order unit	50 piece(s)

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 4
lockable	self-locking (unlocking by tool)
color of coding/ contact carrier	may green
Pole codification	1, PE, 2/N, 3
color of housing inclusive strain relief	black
RAL-Nummer Codierung/Kontakteinsatz	6017

connection data

cable diameter max.	11.5 mm
cable diameter min.	6.8 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	38.5 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	0.12 kWh/St
insulation components continous temperature	100 °C
surface finish	tin-plated

dimensions

length	69.4 mm
width	38 mm
height	15 mm

accessories

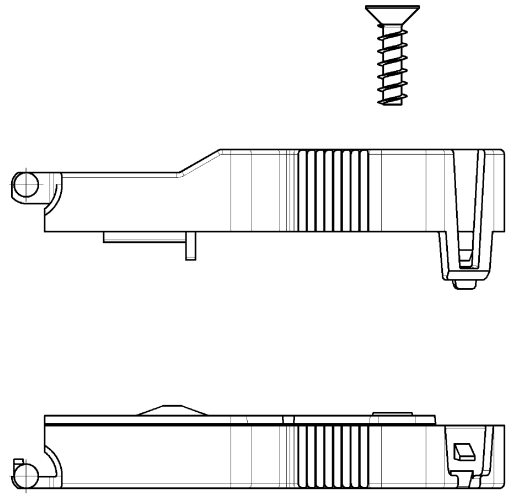
item no.	type	description
05.587.3156.0	lock (G)ST18 WS	Locking device for cable to cable connection GST18i3-5, white
05.587.3156.1	lock (G)ST18 SW	Locking device for cable to cable connection GST18i3-5, black
05.564.5353.0	cover cap GST18I3/4/5 SW	Cover piece 12 pole black for female parts GST18i3-6
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

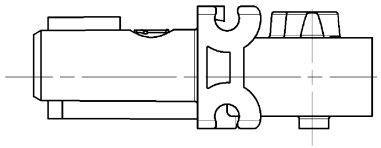
assembly

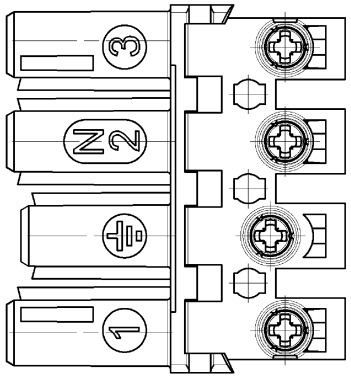
item no.	type	description
92.044.0058.0	device connector GST18I4L S1H WS	gesis® CLASSIC device connector, solder connector, horizontal, without fastening flange, number of poles 4, model male, connection type soldering connection, rated voltage 250 V / 400 V, rated current 20 A, color of coding/ contact carrier white, degree of protection (ip) IP20, built-in component soldering connection, angle of plug square, pole codification 2, N, PE, 1, mechanical coding code 1, housing material polyamide, halogen free yes, fire load 0.035 kWh/ St, contact material CuZn, surface finish tin-plated, pollution degree 2, rated impulse voltage 4 kV, length 24 mm, height 13 mm, width 38 mm
92.044.0158.0	device connector GST18I4L S1H GR01	gesis® CLASSIC device connector, solder connector, horizontal, without fastening flange, number of poles 4, model male, connection type soldering connection, rated voltage 250 V / 400 V, rated current 20 A, color of coding/ contact carrier pebble grey, degree of protection (ip) IP20, built-in component soldering connection, angle of plug square, pole codification 2, N, PE, 1, mechanical coding code 2, housing material polyamide, halogen free yes, fire load 0.036 kWh/ St, contact material CuZn, surface finish tin-plated, pollution degree 2, rated impulse voltage 4 kV, length 24 mm, height 13 mm, width 38 mm
92.207.1003.0	cable assembly GST18I4KSB- 15 10TR01	gesis® CLASSIC 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 mm², color of coding/ contact carrier tomato red
92.207.1000.7	cable assembly GST18I4KSBS 15 10GN02	gesis® CLASSIC 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 mm², color of coding/ contact carrier may green
92.207.1004.7	cable assembly GST18I4KS-S 15 10GN02	gesis® CLASSIC 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 mm², color of coding/ contact carrier may green

technical drawing

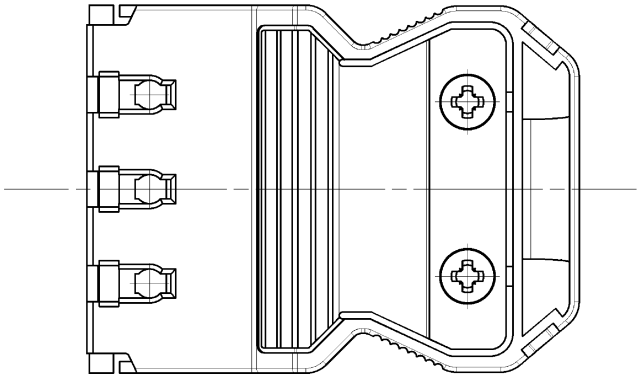
Auslieferungszustand: unmontiert
delivery conditon: unmounted



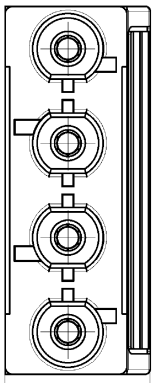




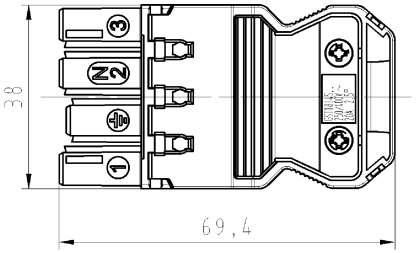
Darstellung M1:1 im montierten Zustand
representation in assemled state

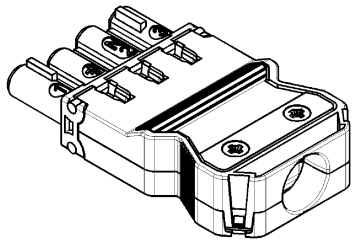


M/scale 1:1



Anwendung nach Kundenwunsch
Apllication according to customers request





Type: GST18I4S B1 ZR1 GN02

Toleranz Size ISO 14405Ⓔ/Tolerance system Size ISO 14405Ⓔ. (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 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: Sheet: 1 von of 1

Werkstoff/Material
Farbe/colour: maigrün/may green
Maßstab/Scale 2:1
Vol. mm³ Oft./Surf. mm²

	Name	Tag/Date
gezeichnet drawn	Ritter	07.07.2014
geprüft checked	-	-
Normgepr. Stand. check	-	-

Zeichnung Nr./Drawing No. 92.943.3253.0 01K Index

Maße in mm/Dimensions are in mm

Ersatz für/Replacement for: -

Type

Benennung/Title *female connector with strain relief*
BUCHSENTEIL_MIT_ZUGENTLASTUNG
Schraubanschluss/ screw connection
250/400V AC, 20A, 2,5qmm

Index | Datum / Blatt Date / Sheet | Änderung/Revision

wieland
www.wieland-electric.com

QU-MEE-01/14 -

92943253003K_2 CADW3025 Ritter 2014-07-09T12:24:19 1.000

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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