product data sheet

item no. 92.052.8058.0

device connector GST18I5F S2 R V GN04



gesis® CLASSIC device connector, snap-in, housing material thickness: 0.5 - 1.5 mm, number of poles 5, model male, connection type spring clamp connection, rated voltage 250 V / 400 V, rated current 20 A, color of coding/ contact carrier may green, degree of protection (ip) IP20, built-in component snap-in, angle of plug straight, cross section fine-stranded 0.5 mm² - 1.5 mm², connection cross section solid 0.5 mm² - 2.5 mm², pole codification 1, 2, PE, 3/N, 4, mechanical coding code 4, housing material polyamide, halogen free yes, fire load 0.107 kWh/St, contact material CuZn, surface finish tin-plated, pollution degree 2, rated impulse voltage 4 kV, length 38 mm, height 18.5 mm, width 52.3 mm

item no.	92.052.8058.0
EAN	4049088248146
order unit	100 piece(s)

certificates / approvals

technical data

general

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

connection data

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
wire strip length	9 mm

model

model	male
connection type	spring clamp connection
angle of plug	straight
degree of protection (IP)	IP20
remark to type of connection	fine stranded and stranded conductors require cable end sleeve
thickness of housings (electrical device)	0.5 mm
thickness of housings (electrical device)	1.5 mm
built-in component	snap-in

material

housing material	polyamide
halogen free	yes
contact material	CuZn
fire load	0.107 kWh/St
insulation components continous temperature	100 °C
surface finish	tin-plated

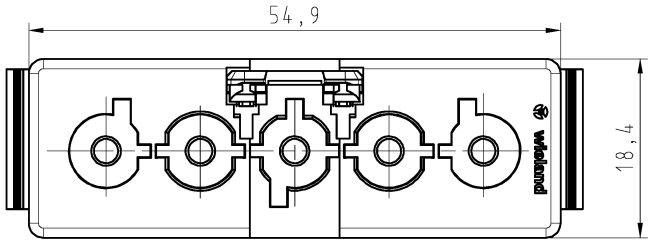
dimensions

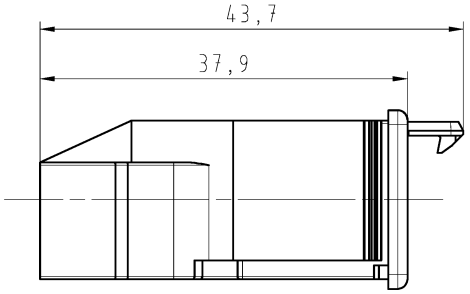
length	38 mm
width	52.3 mm
height	18.5 mm

accessories

item no.	type	description
05.595.1453.0	lock (G)ST18V SW	Locking device for snap-in panel mount GST18i3-5, retrofit part, black
05.595.1453.2	lock (G)ST18V WS	Locking device for snap-in panel mount GST18i3-5, retrofit part, 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
05.566.9253.0	cover cap GST18I5 BUCHSEN	Cover for female connectors GST18i5, black
05.583.1853.0	cover cap GST18I5 STECKER	
07.425.8953.0	cover GST18I5 WS	Cover to close unused openings for GST18i5 panel mounts. Cover: white

technical drawing



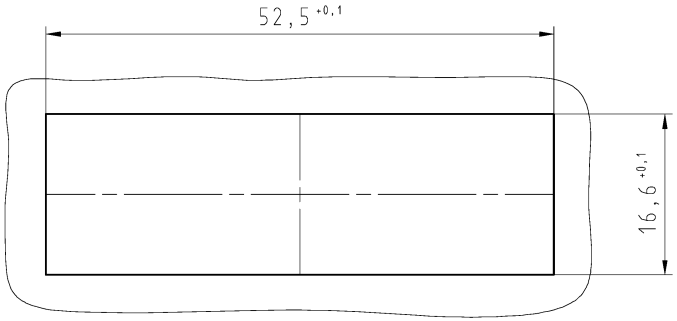


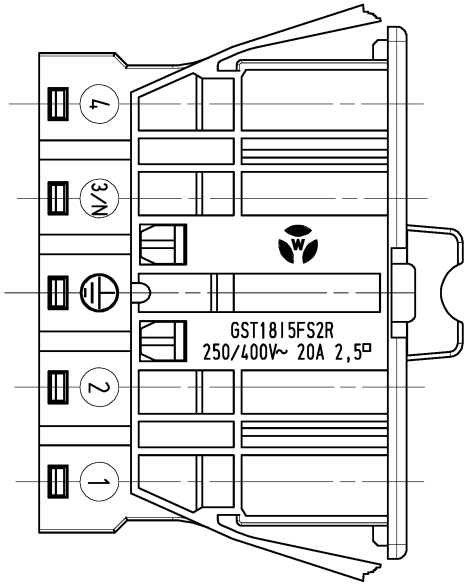
These dimensions will be especially checked at delivery
Only inspection dimensions
With /E marked dimensions are only valid for internal use

Diese Maße werden bei Abnahme besonders geprüft
Ausschließlich Prüfmaße
Mit /E gekennzeichnete Maße sind nur für interne Zwecke gültig

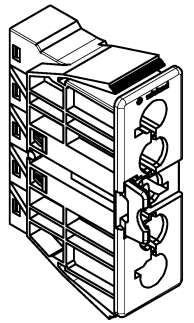
Blechauschnitt
sheet metal cutout

t: 0,5mm - 1,5mm





M/scale 1:1



Type: GST1815F S2 R V GN04

Zulassungen siehe Katalog
permission see catalog

Anwendung: nach Kundenwunsch
Application: according to customers request

Toleranz Size ISO 14405Ⓔ/Tolerance system Size ISO 14405Ⓔ. (This ISO-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: Sheet: 1 von of 1	
/		Werkstoff/Material	2015	Tag/Date	Name	Zeichnung Nr./Drawing No.	Index
/		Farbe/colour: maigrün/may green	gezeichnet drawn	10.03.	Ritter	92.052.8058.0 01K	
/	Maßstab/Scale 2:1		geprüft checked	-	-		
/			Normgepr. Stand. check	-	-	Maße in mm/Dimensions are in mm	
/	Vol. mm³	Ofl./Surf. mm²	Ersatz für/Replacement for: -				
/	wieland Elektrische Verbindungen		Type	Benennung/Title STECKERTEIL male connector 250/400V AC 20A 2,5qmm			
/							
Index / Datum / Blatt Date / Sheet							
Änderung/Revision							

Weitergabe sowie Vervielfältigung dieses Dokuments, Verwertung und Mitteilung seines Inhalts sind verboten, soweit nicht ausdrücklich gestattet. Zuwiderhandlungen verpflichten zu Schadenersatz. Alle Rechte für den Fall der Patenterteilung oder Gebrauchsmuster- oder Geschmacksmustereintragung vorbehalten. / The reproduction, distribution and utilization of this document as well as the communication of its contents to others without express authorization is prohibited.