product data sheet

item no. 46.031.4553.0

connector RST16I3 S B1 ZT4 GL

RST® MINI connector, straight, number of poles 3, female, connection type screw connection, rated voltage 250 V, rated current 16 A, cable diameter 5 - 10.6 mm, color of coding/ contact carrier light grey



item no.	46.031.4553.0
EAN	4049088280214
order unit	100 piece(s)

certificates / approvals

technical data

note

note	RST® terminals with screw clamping allow the connection of conductors without special preparation (without ferrules) according to EN 60999-1.

general

rated current	16 A
rated voltage	250 V
rated impulse voltage	4 kV
strain relief	yes
pollution degree	3
lockable	self-locking (unlocking by hand)
color of coding/ contact carrier	light grey
Pole codification	L, N, PE
color of housing inclusive strain relief	light grey
RAL-Nummer Codierung/Kontakteinsatz	7035

connection data

cable diameter max.	10.6 mm
cable diameter min.	5 mm
connection cross section solid mm² max.	2.5 mm²
connection cross section solid mm² min.	0.25 mm²
connection cross section fine stranded mm² max.	2.5 mm²
connection cross section fine stranded mm² min.	0.25 mm²
terminations per pole	1
sheath strip length	25 mm
wire strip length	8 mm

model

model	female
connection type	screw connection

degree of protection (IP)	IP66/68 (3m;2h) /IP69

material

housing material	polyamide
halogen free	yes
contact material	CuZn
fire load	0.149 kWh/St
insulation components continous temperature	100 °C
surface finish	silver-plated

dimensions

length	71 mm
width	19.9 mm
height	19.9 mm

accessories

item no.	type	description
06.563.8653.0	cover for female connector GL	RST16i3/2 cover piece, for covering unused female connectors, light grey
06.563.8753.0	cover for female connector GL	RST16i3/2 cover piece, for covering unused female connectors, with fastening belt, light grey

assembly

item no.	type	description
46.032.4553.0	connector RST16I3 S S1 ZT4 GL	RST® MINI connector, straight, number of poles 3, male, connection type screw connection, rated voltage 250 V, rated current 16 A, cable diameter 5 - 10.6 mm, color of coding/ contact carrier light grey
46.032.5053.0	device connector RST16I3 S S1 M02 GL	RST® MINI device connector, standard, straight, M16, number of poles 3, model male, connection type screw connection, rated voltage 250 V, rated current 16 A, color of coding/ contact carrier light grey
46.030.0153.0	distributor RST16I3B 3P1 F G V GL	RST® MINI distributor, parallel connection, with fastening option, number of poles 3, rated voltage 250 V, rated current 16 A, number of inputs 1, number of outputs 3, color of coding/ contact carrier light grey

technical drawing

Kodierung
/Coding

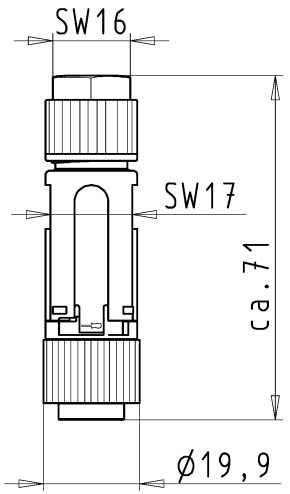

C1


C2


C3


C4

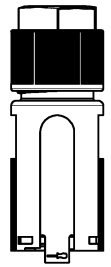

C5

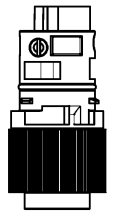


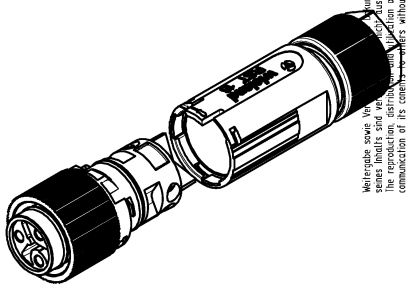
These dimensions will be especially checked at delivery
Only inspection dimensions
With Æ marked dimensions are only valid for internal use

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

Auslieferungszustand
/delivery condition







Weitergabe sowie Vervielfältigung dieses Dokuments, Verwertung und Mitteilung seines Inhalts sind verboten, soweit nicht ausdrücklich gestattet. The reproduction, distribution or utilization of this document as well as the communication of its content to others without express authorization is prohibited.

Bestellnummer /Order number	Typ /Type	Kodierung /Coding	Farbe /Colour
46.031.4550.6	RST1613 S B1 ZT4S A TB	C5	türkisblau /turquoise blue
46.031.4553.9	RST1613 S B1 ZT4S H BL	C4	lichtblau /light blue
46.031.4550.4	RST1613 S B1 ZT4S L BR	C3	signalbraun /signal brown
46.031.4555.7	RST1613 S B1 ZT4S GN	C2	laubgrün /leaf green
46.031.4553.1	RST1613 S B1 ZT4 SW	C1	schwarz /black
46.031.4553.0	RST1613 S B1 ZT4 GL	C1	lichtgrau /light grey

ⓐ

Weitere Daten siehe KATALOG oder eKatalog. Additional data see CATALOG or eCatalog. www.wieland-electric.com eshop.wieland-electric.com

Toterierung 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 WN 5020.010 ist einzuhalten. Conformity with Wieland document WN 5020.010 e (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

Änderung/Revision	Index	Datum / Blatt Date / Sheet
	/	
	/	
	/	
	/	
	/	
	/	
	a	06.10.2014/

Werkstoff/Material

Maßstab/Scale 1:1

Vol. mm³ Ofl./Surf. mm²

	Tag/Date	Name
2014 gezeichnet drawn	02.09.	Treschan
geprüft checked	-	-
Normgeprüft Stand. check	-	-

Zeichnung Nr./Drawing No. T 46.031.4553.0 13K Index a

Maße in mm/Dimensions are in mm

Ersatz für/Replacement for: -

wieland www.wieland-electric.com

Type RST16..

Benennung/Title

BUCHSENTEIL

FA - mit Zugentlastung, 3-polig
female, with strain relief, 3 poles

460314553013K_2 CADW3025 Ritter 2014-10-06T11:39:14 12000

QU-MEE-01/14 -