product data sheet

item no. 46.031.4550.4

connector RST16I3 S B1 ZT4S L BR

RST® MINI connector, straight, number of poles 3, female, connection type screw connection, rated voltage 50 V / 120 V, rated current 16 A, cable diameter 5 - 10.6 mm, color of coding/ contact carrier signal brown



item no.	46.031.4550.4
EAN	4049088280245
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	50 V / 120 V
rated impulse voltage	4 kV
strain relief	yes
pollution degree	3
lockable	self-locking (unlocking by hand)
color of coding/ contact carrier	signal brown
Pole codification	1, 2, 3
color of housing inclusive strain relief	black
RAL-Nummer Codierung/Kontakteinsatz	8002

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	0.15 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
06.563.8653.1	cover for female connector SW	RST16i3/2 cover piece, for covering unused female connectors, color black
06.563.8753.1	cover for female connector SW	RST16i3/2 cover piece, for covering unused female connectors, with fastening belt, color black

assembly

item no.	type	description
46.032.4550.4	connector RST16I3 S S1 ZT4S L BR	RST® MINI connector, straight, number of poles 3, male, connection type screw connection, rated voltage 50 V / 120 V, rated current 16 A, cable diameter 5 - 10.6 mm, color of coding/ contact carrier signal brown
46.032.5050.4	device connector RST16I3 S S1 M02 L BR	RST® MINI device connector, standard, straight, M16, number of poles 3, model male, connection type screw connection, rated voltage 50 V / 120 V, rated current 16 A, color of coding/ contact carrier signal brown
46.030.1250.4	distributor RST16I3V 2P1 TGVGL BR	RST® MINI distribution block 1I / 2O, rated voltage 50 V / 120 V, rated current 16 A, number of poles 3, degree of protection (ip) IP66/68 (3m 2h) /IP69, number of inputs 1, number of outputs 2, pole codification 1, 2, 3, color of coding/ contact carrier signal brown, ral number coding/ contact i

technical drawing

Kodierung
/Coding

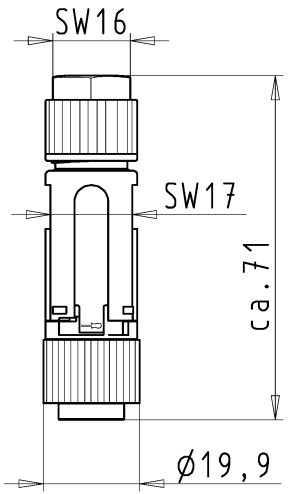

C1


C2


C3


C4

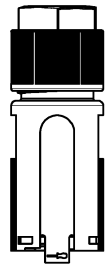

C5

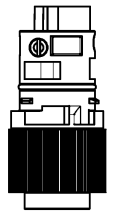


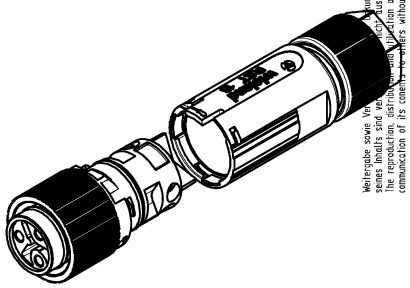
These dimensions will be especially checked at delivery
Only inspection dimensions
With Æ marked dimensions are only valid for internal use

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

Auslieferungszustand
/delivery condition







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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 -