product data sheet

item no. 46.031.4551.4

connector RST16I3/2S B1 ZT4S L BR

RST® MINI connector, straight, number of poles 2, 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.	46.031.4551.4
EAN	4049088295751
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
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

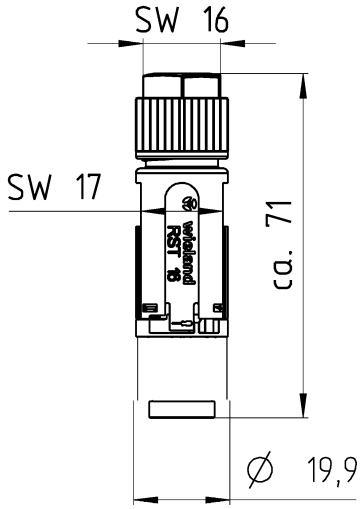
dimensions

length	71 mm
width	19.9 mm
height	19.9 mm

assembly

item no.	type	description
46.032.4551.4	connector RST16I3/2S S1 ZT4S L BR	RST® MINI connector, straight, number of poles 2, 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
46.032.5051.4	device connector RST16I3/2S S1 M02 L BR	RST® MINI device connector, standard, straight, M16, number of poles 2, model male, connection type screw connection, rated voltage 50 V / 120 V, rated current 16 A, color of coding/ contact carrier signal brown
46.422.1002.4	cable assembly RST16I2KSBS 15P L10BR	RST® MINI connecting cable, female - male, number of poles 2, rated voltage 50 V / 120 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 signal brown
46.030.0151.4	distributor RST16I2B 3P1 FGVGL BR	RST® MINI distributor, parallel connection, with fastening option, number of poles 2, rated voltage 50 V / 120 V, rated current 16 A, number of inputs 1, number of outputs 3, color of coding/ contact carrier signal brown

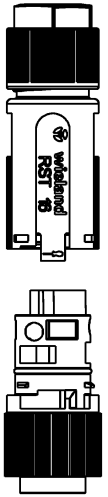
technical drawing

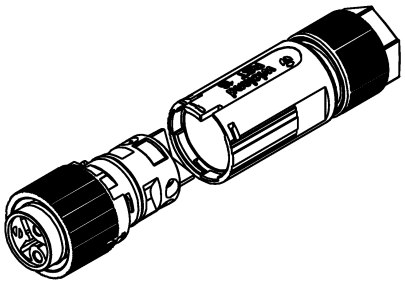


Kodierung/
Coding



Auslieferungszustand/
delivery condition





Pol nicht montiert
pole not mounted



46.031.4551.6	RST1613 S B1 ZT4S A TB	C5	türkisblau /turquoise blue
46.031.4554.9	RST1613 S B1 ZT4S H BL	C4	lichtblau /light blue
46.031.4551.4	RST1613 S B1 ZT4S L BR	C3	signalbraun /signal brown
46.031.4556.7	RST1613 S B1 ZT4S GN	C2	laubgrün /leaf green
46.031.4554.1	RST1613 S B1 ZT4 SW	C1	schwarz /black
46.031.4554.0	RST1613 S B1 ZT4 GL	C1	lichtgrau /light grey
Bestellnummer Order number	Type	Kodierung Coding	

Weitere Daten siehe KATALOG oder eKatalog.
Additional data see CATALOG or eCatalog

www.wieland-electric.com
eshop.wieland-electric.com

Tolerierung 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: 1 von 1
Sheet: 1 of 1

/		Werkstoff / Material		Tag/Date	Name
/			gezeichnet drawn	11.04.2016	Ritter
/		Maßstab / Scale	geprüft checked		
/		1:1	Normgeor. Stand. check		
/		Vol. mm³ Oft./Srf. mm²	Ersatz für / Replacement for:		
/			Type	Bennenung/Title	
b	09.05.2019 /	wieland www.wieland-electric.com		BUCHSENTEIL mit Zugentlastung 2polig female with strain relief 2-pole	
Index	Datum / Blatt Date / Sheet				
Änderung / Revision					

Zeichnung Nr. / Drawing No. 46.031.4554.0 13K | Index b

Maße in mm / Dimensions are in mm

Woelfel_BUCHSENTEIL_main_1 CADW4021 Woelfel 2019-05-10T08:35:03 1.000

QU-MEE-01/14 a

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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