product data sheet

item no. 46.052.4550.4

connector RST16I5 S S1 ZT6S L BR

RST® MINI connector, straight, number of poles 5, male, connection type screw connection, rated voltage 50 V / 120 V, rated current 16 A, cable diameter 7.1 - 13 mm, color of coding/ contact carrier signal brown



item no.	46.052.4550.4
EAN	4049088269233
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
marking of poles	1, 2, 3, 4, 5
color of housing inclusive strain relief	black
RAL-Nummer Codierung/Kontakteinsatz	8002

connection data

cable diameter max.	13 mm
cable diameter min.	7.1 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	male
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	0.147 kWh/St
insulation components continous temperature	100 °C
surface finish	silver-plated

dimensions

length	74 mm
width	24 mm
height	24 mm

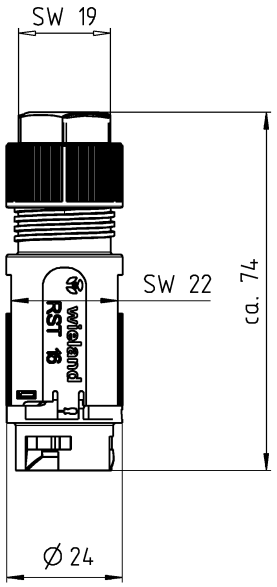
accessories

item no.	type	description
06.563.9253.1	cover for male connector SW	RST16i5/4 cover piece, for covering unused male connectors, color black
06.563.9353.1	cover for male connector SW	RST16i5/4 cover piece, for covering unused male connectors, with fastening belt, color black

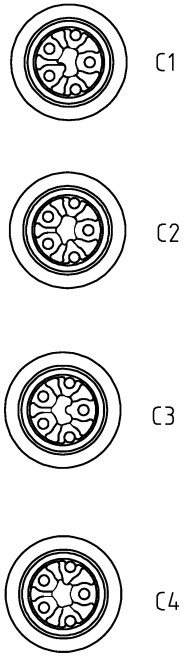
assembly

item no.	type	description
46.051.5050.4	device connector RST16I5 S B1 M03 L BR	RST® MINI device connector, standard, straight, M20.2, number of poles 5, model female, connection type screw connection, rated voltage 50 V / 120 V, rated current 16 A, color of coding/ contact carrier signal brown
46.050.0150.4	distributor RST16I5B 3P1 F G V BR	RST® MINI distributor, parallel connection, with fastening option, number of poles 5, 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

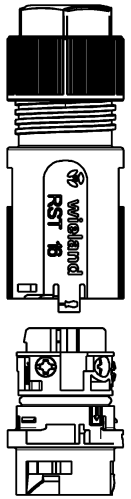
technical drawing

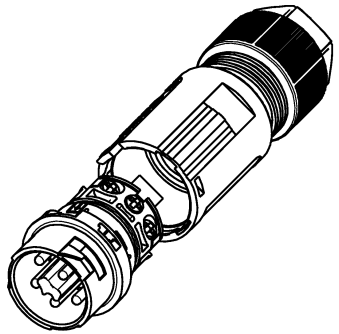


Kodierung/
coding



Auslieferungszustand
delivery condition





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

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46.052.4553.9	RST16i5 S S1 ZT6S H BL	C4	lichtblau/light blue
46.052.4550.4	RST16i5 S S1 ZT6S L BR	C3	signalbraun/signal brown
46.052.4553.6	RST16i5 S S1 ZT6S A TB	C2	türkisblau/turquois blue
46.052.4553.1	RST16i5 S S1 ZT6 SW	C1	schwarz/black
46.052.4553.0	RST16i5 S S1 ZT6S GL	C1	lichtgrau/light grey
Bestellnummer/ order number	Typ/type	Kodierung/coding	Farbe/color

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

Maßstab / Scale: %

	Tag/Date	Name
gezeichnet / drawn	01.09.2014	Treschan
geprüft / checked		
Normgeor. Stand: check		

Zeichnung Nr. / Drawing No.: T 46.052.4553.013K
Index: a

Maße in mm / Dimensions are in mm

Vol.. --- mm³ Ofl./Surf. --- mm²

Ersatz für / Replacement for:

Index	Datum / Blatt Date / Sheet
a	05.10.2016

Änderung / Revision

wieland
www.wieland-electric.com

Type: RST16

Bennenung/Title: Steckerteil

mit Zugentlastung, 5-polig, male connector with strain relief, 5 poles

QU-MEE-01/14 a