product data sheet

item no. 46.051.4553.6

connector RST16I5 S B1 ZT6S A TB

RST® MINI connector, straight, number of poles 5, female, connection type screw connection, rated voltage 250 V, rated current 16 A, cable diameter 7.1 - 13 mm, color of coding/ contact carrier turquoise blue



item no.	46.051.4553.6
EAN	4049088268670
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	turquoise blue
Pole codification	L, N, PE, 1, 2
color of housing inclusive strain relief	black
RAL-Nummer Codierung/Kontakteinsatz	5018

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	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	0.171 kWh/St
insulation components continous temperature	100 °C
surface finish	silver-plated

dimensions

length	81 mm
width	24.9 mm
height	24.9 mm

accessories

item no.	type	description
06.563.9053.1	cover for female connector SW	RST16i5/4 cover piece, for covering unused female connectors, color black
06.563.9153.1	cover for female connector SW	RST16i5/4 cover piece, for covering unused female connectors, with fastening belt, color black

assembly

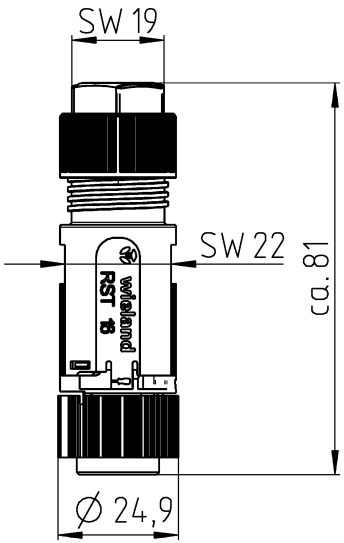
item no.	type	description
46.052.4553.6	connector RST16I5 S S1 ZT6S A T	RST® MINI connector, straight, number of poles 5, male, connection type screw connection, rated voltage 250 V, rated current 16 A, cable diameter 7.1 - 13 mm, color of coding/ contact carrier turquoise blue
46.052.5053.6	device connector RST16I5 S S1 M03 A TB	RST® MINI device connector, standard, straight, M20.2, number of poles 5, model male, connection type screw connection, rated voltage 250 V, rated current 16 A, color of coding/ contact carrier turquoise blue
46.452.1000.6	cable assembly RST16I5KSBS 15P 10TB04	RST® MINI connecting cable, female - male, number of poles 5, rated voltage 250 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 turquoise blue
46.050.0153.6	distributor RST16I5B 3P1 F G V TB	RST® MINI compact distributor 1I / 3O, rated voltage 250 V, rated current 16 A, number of poles 5, degree of protection (ip) IP66/68 (3m 2h) /IP69, number of inputs 1, number of outputs 3, pole codification L, N, PE, 1, 2, color of coding/ contact carrier turquoise blue, ral number coding/

technical drawing

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

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



Kodierung/
coding

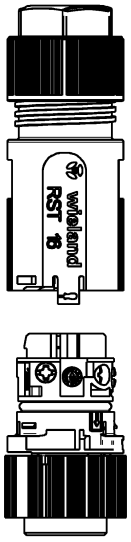

C1

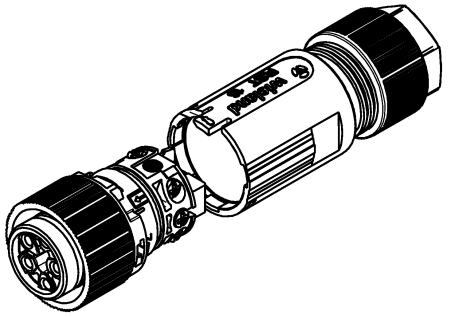

C2


C3


C4

Auslieferungszustand/
delivery condition





Bestellnummer/ order number	Typ/type	Kodierung/ coding	Farbe/color
46.051.4553.9	RST1615 S B1 ZT6S H BL	C4	lichtblau/ light blue
46.051.4550.4	RST1615 S B1 ZT6S L BR	C3	signalbraun/signal brown
46.051.4553.6	RST1615 S B1 ZT6S A TB	C2	türkisblau/turquoise blue
46.051.4553.1	RST1615 S B1 ZT6 SW	C1	schwarz/black
46.051.4553.0	RST1615 S B1 ZT6 GL	C1	lichtgrau/light grey

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

Maßstab / Scale: 1:1

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

Zeichnung Nr. / Drawing No.: T 46.051.4553.0 13K
Index: a

Maße in mm / Dimensions are in mm

Vol. mm³ Oft./Srf. mm²

Ersatz für / Replacement for:

Index	Datum / Blatt Date / Sheet
a.	03.04.2019 /

Änderung / Revision

wieland
www.wieland-electric.com

Type

Bennenung/Title

BUCHSENTEIL

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