product data sheet

item no. 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



| | |
|---|---|
| item no. | 46.052.4553.6 |
| EAN | 4049088269226 |
| 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 | 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 | 0.145 kWh/St |
| insulation components continous temperature | 100 °C |
| surface finish | silver-plated |

**dimensions**

| | |
|---|---|
| length | 74 mm |
| width | 24 mm |
| height | 24 mm |

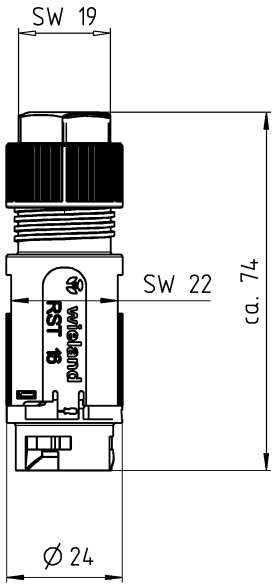
## accessories

| 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 |

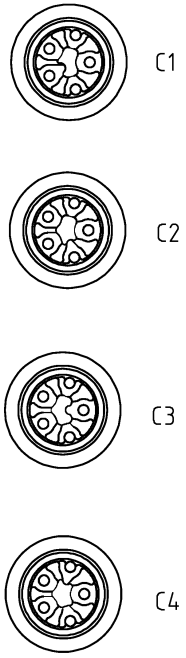
## assembly

| item no. | type | description |
|---|---|---|
| 46.051.5053.6 | device connector RST16I5 S B1 M03 A TB | RST® MINI device connector, standard, straight, M20.2, number of poles 5, model female, 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/ |

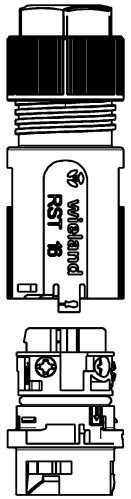
technical drawing

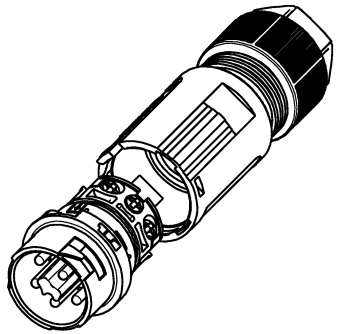



Kodierung/
coding




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