product data sheet

item no. 46.031.4553.1

# connector RST16I3 S B1 ZT4 SW

RST® MINI connector, straight, number of poles 3, female, connection type screw connection, rated voltage 250 V, rated current 16 A, cable diameter 5 - 10.6 mm, color of coding/ contact carrier black



| | |
|---|---|
| item no. | 46.031.4553.1 |
| EAN | 4049088280221 |
| 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 | black |
| Pole codification | L, N, PE |
| color of housing inclusive strain relief | black |
| RAL-Nummer Codierung/Kontakteinsatz | 9005 |

**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 |
|---|---|---|
| 46.032.4553.1 | connector RST16I3 S S1 ZT4 SW | RST® MINI connector, straight, number of poles 3, male, connection type screw connection, rated voltage 250 V, rated current 16 A, cable diameter 5 - 10.6 mm, color of coding/ contact carrier black |
| 46.032.5053.1 | device connector RST16I3 S S1 M02 SW | RST® MINI device connector, standard, straight, M16, number of poles 3, model male, connection type screw connection, rated voltage 250 V, rated current 16 A, color of coding/ contact carrier black |
| 46.432.1000.1 | cable assembly RST16I3KSBS 15P 10SW | RST® MINI connecting cable, female - male, number of poles 3, 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 black |
| 46.030.0153.1 | distributor RST16I3B 3P1 F G V SW | RST® MINI compact distributor 1I / 3O, rated voltage 250 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 3, pole codification L, N, PE, color of coding/ contact carrier black, ral number coding/contact insert |

technical drawing

## Kodierung
/Coding

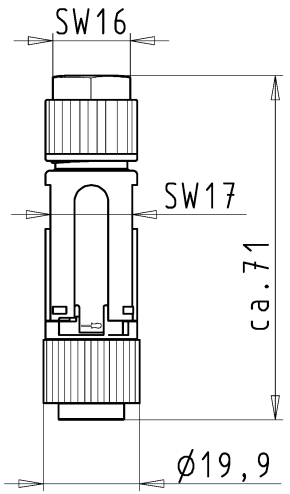

C1


C2


C3


C4

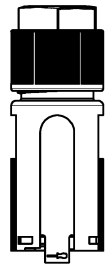

C5

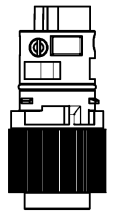


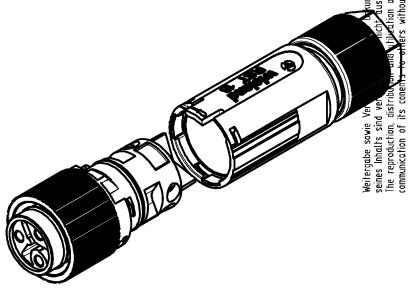

These dimensions will be especially checked at delivery
Only inspection dimensions
With Æ marked dimensions are only valid for internal use

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 -