product data sheet

item no. 46.052.4554.0

# connector RST16I5/4S S1 ZT6 GL

RST® MINI connector, straight, number of poles 4, male, connection type screw connection, rated voltage 250 V / 400 V, rated current 16 A, cable diameter 7.1 - 13 mm, color of coding/ contact carrier light grey



| | |
|---|---|
| item no. | 46.052.4554.0 |
| EAN | 4049088290060 |
| 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 / 400 V |
| rated impulse voltage | 4 kV |
| strain relief | yes |
| pollution degree | 3 |
| lockable | self-locking (unlocking by hand) |
| color of coding/ contact carrier | light grey |
| Pole codification | 1, 2, 3, PE |
| color of housing inclusive strain relief | light grey |
| RAL-Nummer Codierung/Kontakteinsatz | 7035 |

**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

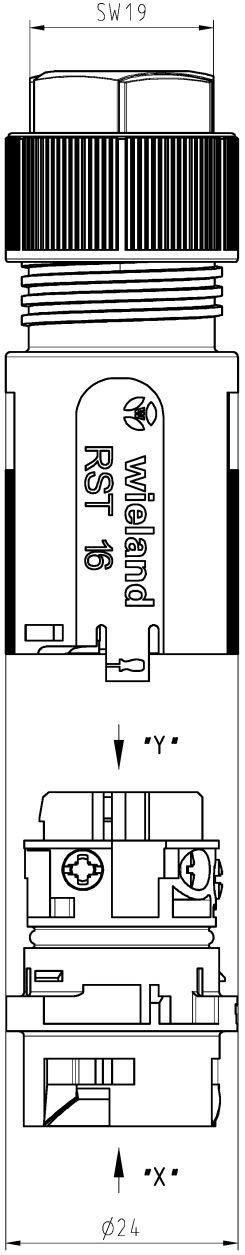
| item no. | type | description |
|---|---|---|
| 06.563.9253.0 | cover for male connector GL | RST16i5/4 cover piece, for covering unused male connectors, color light grey |
| 06.563.9353.0 | cover for male connector GL | RST16i5/4 cover piece, for covering unused male connectors, with fastening belt, color light grey |

## assembly

| item no. | type | description |
|---|---|---|
| 46.051.5054.0 | device connector RST16I5/4S B1 M03 GL | RST® MINI device connector, standard, straight, M20.2, number of poles 4, model female, connection type screw connection, rated voltage 250 V / 400 V, rated current 16 A, color of coding/ contact carrier light grey |
| 46.050.0154.0 | distributor RST16I4B 3P1 F G V GL | RST® MINI compact distributor 1I / 3O, rated voltage 250 V / 400 V, rated current 16 A, number of poles 4, degree of protection (ip) IP66/68 (3m 2h) /IP69, number of inputs 1, number of outputs 3, pole codification 1, 2, 3, PE, color of coding/ contact carrier light grey, ral number coding/contact |

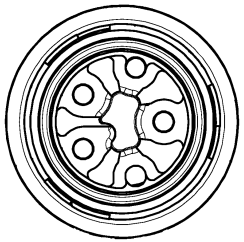
technical drawing

## 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

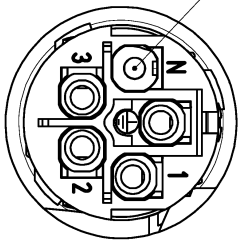


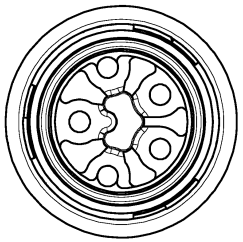
"X"

46.052.4554.0/.1

"Y"

Pol nicht montiert
*Pole not mounted*



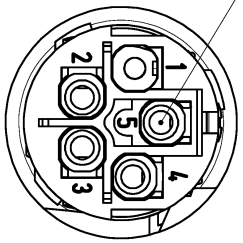



"X"

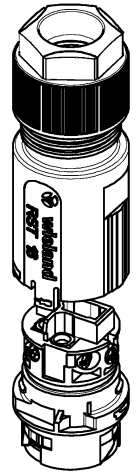
46.052.4551.4

"Y"

Pol nicht montiert
*Pole not mounted*




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1:1

Weitere Daten siehe Katalog
*further data see catalog*

| Teile-Nr. *part - no.* | Typ *type* | Farbe *colour* |
|---|---|---|
| 46.052.4554.0 | RST1615/4S S1 ZT6 GL | lichtgrau/*light grey* RAL 7035 |
| 46.052.4554.1 | RST1615/4S S1 ZT6 SW | schwarz/*black* RAL 9005 |
| 46.052.4551.4 | RST1615/4S S1 ZT6S L BR | signalbraun/*signal brown* RAL 8002 |

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: of

Werkstoff/Material

Maßstab/Scale: 2:1

| | Tag/Date | Name |
|---|---|---|
| 2015 | | |
| gezeichnet drawn | 18.11. | Treschan |
| geprüft checked | - | - |
| Normgepr. Stand. check | - | - |

Zeichnung Nr./Drawing No.: T 46.052.4554.0 01K

Index

Maße in mm/Dimensions are in mm

Vol. mm³ Ofl./Surf. mm² Ersatz für/Replacement for: -

Index | Datum / Blatt Date / Sheet | Änderung/Revision

wieland
www.wieland-electric.com

Type: RST16...

Benennung/Title: ST_MIT_ZUGENTL_FA_4P
male with strain relief 4P RST

460524554001K_1 CADW3028 Treschan 2015-11-20T08:56:59 1.000

QU-MEE-01/14 -