product data sheet

item no. 46.031.5053.9

## device connector RST16I3 S B1 M02 H BL

RST® MINI device connector, standard, straight, M16, number of poles 3, model female, connection type screw connection, rated voltage 250 V / 400 V, rated current 16 A, color of coding/ contact carrier light blue



| | |
|---|---|
| item no. | 46.031.5053.9 |
| EAN | 4049088279836 |
| 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.positioning realised with flattened thread |

**general**

| | |
|---|---|
| rated current | 16 A |
| rated voltage | 250 V / 400 V |
| pollution degree | 3 |
| rated impulse voltage | 4 kV |
| continuity resistor | 0.75 mOhm |
| lockable | self-locking (unlocking by hand) |
| color of coding/ contact carrier | light blue |
| Pole codification | 1, 2, 3 |

**connection data**

| | |
|---|---|
| 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 |
| wire strip length | 8 mm |

**model**

| | |
|---|---|
| model | female |
| connection type | screw connection |
| connecting thread metric | M16 |
| angle of plug | straight |
| degree of protection (IP) | IP66/68 (3m;2h) /IP69 |
| thickness of housings (electrical device) | 0.5 mm |

| | |
|---|---|
| thickness of housings (electrical device) | 5 mm |

**material**

| | |
|---|---|
| housing material | polyamide |
| halogen free | yes |
| contact material | CuZn |
| fire load | 0.058 kWh/St |
| insulation components continous temperature | 100 °C |
| surface finish | silver-plated |

**dimensions**

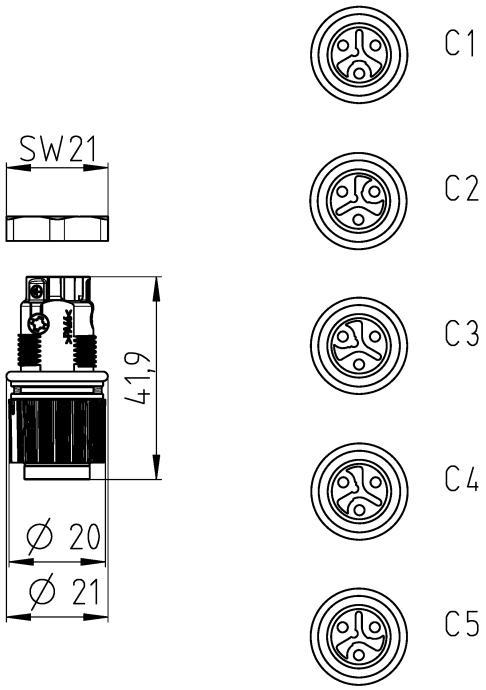
| | |
|---|---|
| length | 41.9 mm |
| width | 19.9 mm |
| height | 19.9 mm |

## accessories

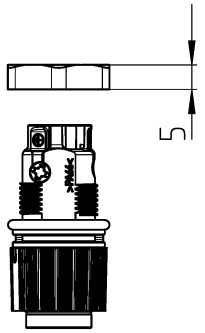
| item no. | type | description |
|---|---|---|
| 06.563.8653.1 | cover for female connector SW | RST16i3/2 cover piece, for covering unused female connectors, color black |
| 06.563.8753.1 | cover for female connector SW | RST16i3/2 cover piece, for covering unused female connectors, with fastening belt, color black |

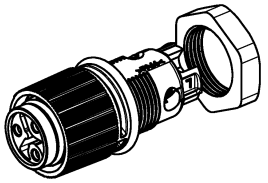
technical drawing

## Kodierung
/Coding




## Auslieferungszustand
delivery condition

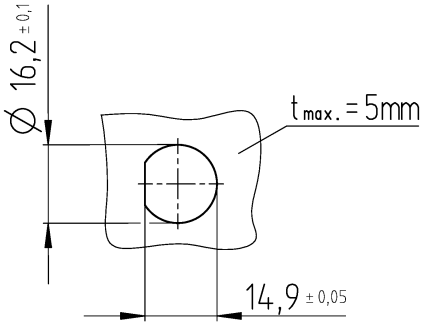


| | | | |
|---|---|---|---|
| 46.031.5050.6 | RST1613 S B1 M02 TB | C5 | **türkisblau** /turquoise blue |
| 46.031.5053.9 | RST1613 S B1 M02 H BL | C4 | **lichtblau** /light blue |
| 46.031.5050.4 | RST1613 S B1 M02 L BR | C3 | **signalbraun** /signal brown |
| 46.031.5055.7 | RST1613 S B1 M02 GN | C2 | **laubgrün** /leaf green |
| 46.031.5053.1 | RST1613 S B1 M02 SW | C1 | **schwarz** /black |
| 46.031.5053.0 | RST1613 S B1 M02 GL | C1 | **lichtgrau** /light grey |
| Bestellnummer /Order number | Typ /Type | Kodierung /Coding | Farbe /Colour |

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

## Gehäuseausschnitt
/section of housing




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

gezeichnet drawn: Tag/Date 04.07.2014, Name Treschan

Elektronische Freigabe
Electronic Release

Zeichnung Nr. / Drawing No.: T 46.031.5053.0 13K

Index: c

Maße in mm / Dimensions are in mm

| Index | Datum / Blatt Date / Sheet | Änderung / Revision |
|---|---|---|
| c | 01.09.2026 / | |
| b | 26.08.2026 / | |
| a | 06.10.2014 / | |

Vol. mm³ Ofl./Srf. mm²

Ersatz für / Replacement for:

wieland

Type: RST1613

Benennung/Title

# BUCHSENTEIL

Geräteanschluss 3-polig

female connector, device connection, 3 poles

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Vertraulichkeitsklasse: Vertraulich / confidential

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

2026-10-19 14:53:55 1.000

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