product data sheet

item no. 46.052.M050.4

# device connector RST16I5 S D03 LMBR

RST® MINI device connector, modular, straight, M20, number of poles 5, model male, connection type spring clamp connection, rated voltage 50 V / 120 V, rated current 16 A, color of coding/ contact carrier signal brown



| | |
|---|---|
| item no. | 46.052.M050.4 |
| EAN | 4049088572579 |
| order unit | 50 piece(s) |

## certificates / approvals

## technical data

**note**

| | |
|---|---|
| note | positioning realised with flattened thread |

**general**

| | |
|---|---|
| rated current | 16 A |
| rated voltage | 50 V / 120 V |
| pollution degree | 3 |
| rated impulse voltage | 4 kV |
| lockable | self-locking (unlocking by hand) |
| color of coding/ contact carrier | signal brown |
| Pole codification | 1, 2, 3, 4, 5 |

**connection data**

| | |
|---|---|
| connection cross section solid mm² max. | 2.5 mm² |
| connection cross section solid mm² min. | 0.5 mm² |
| connection cross section fine stranded mm² max. | 2.5 mm² |
| connection cross section fine stranded mm² min. | 0.5 mm² |
| terminations per pole | 2 |

**model**

| | |
|---|---|
| model | male |
| connection type | spring clamp connection |
| connecting thread metric | M20 |
| angle of plug | straight |
| degree of protection (IP) | IP66/68 (3m;2h) /IP69 |
| thickness of housings (electrical device) | 1 mm |
| thickness of housings (electrical device) | 4 mm |

**material**

| | |
|---|---|
| housing material | polyamide |

| | |
|---|---|
| halogen free | yes |
| contact material | CuZn |
| fire load | 0.08 kWh/St |
| surface finish | silver-plated |

**dimensions**

| | |
|---|---|
| length | 42.9 mm |
| width | 31 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 |
|---|---|---|
| 46.051.4550.4 | connector RST16I5 S B1 ZT6S L BR | RST® MINI connector, straight, number of poles 5, female, connection type screw connection, rated voltage 50 V / 120 V, rated current 16 A, cable diameter 7.1 - 13 mm, color of coding/ contact carrier signal brown |
| 46.051.4150.4 | connector RST16I5 S B1 ZT5S L BR | RST® MINI connector, straight, number of poles 5, female, connection type screw connection, rated voltage 50 V / 120 V, rated current 16 A, cable diameter 10 - 14.5 mm, color of coding/ contact carrier signal brown |

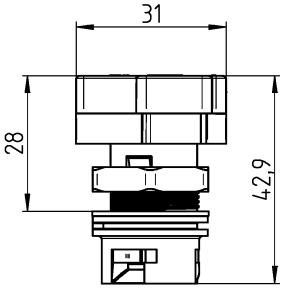
technical drawing

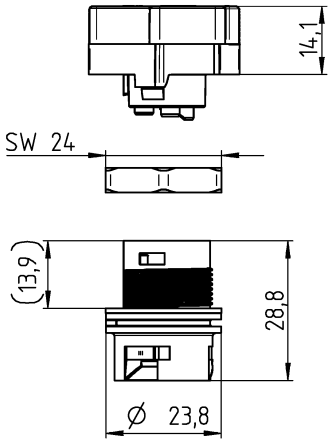
Gezeichnete Ausführung/drawn version
46.052.M053.0

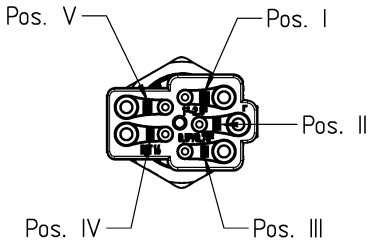
Auslieferungszustand/
delivery condition

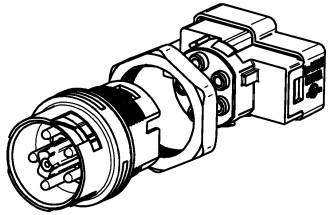


Gesteckter Zustand/
connected condition



| Teile-Nr. /part-no. | Type | Pol Kennzeichnung / pole marking | | | | |
|---|---|---|---|---|---|---|
| | | Pos. I | Pos. II | Pos. III | Pos. IV | Pos. V |
| 46.052.M053.0 | RST16I5 S D03 M GL | N | PE | 1 | 2 | 3 |
| 46.052.M0L0.0 | RST16I5 2 D03 M GL | N | PE | 1 | 2 | 3 |
| 46.052.M053.1 | RST16I5 S D03 M SW | N | PE | 1 | 2 | 3 |
| 46.052.M0L0.1 | RST16I5 2 D03 M SW | N | PE | 1 | 2 | 3 |
| 46.052.M053.6 | RST16I5 S D03 M TB | N | PE | L | 1 | 2 |
| 46.052.M0L0.6 | RST16I5 2 D03 M TB | N | PE | L | 1 | 2 |
| 46.052.M053.9 | RST16I5 S D03 M BL | 1 | 5 | 4 | 3 | 2 |
| 46.052.M0L0.9 | RST16I5 2 D03 M BL | 1 | 5 | 4 | 3 | 2 |
| 46.052.M050.4 | RST16I5 S D03 LM BR | 1 | 5 | 4 | 3 | 2 |
| 46.052.M0L0.4 | RST16I5 2 D03 LM BR | 1 | 5 | 4 | 3 | 2 |
| 46.052.M054.0 | RST16I5/4 S D03 M GL | | PE | 1 | 2 | 3 |
| 46.052.M0L1.0 | RST16I5/4 2 D03 M GL | | PE | 1 | 2 | 3 |
| 46.052.M054.1 | RST16I5/4 S D03 M SW | | PE | 1 | 2 | 3 |
| 46.052.M0L1.1 | RST16I5/4 2 D03 M SW | | PE | 1 | 2 | 3 |
| 46.052.M051.4 | RST16I5/4 S D03 LM BR | 1 | | 4 | 3 | 2 |
| 46.052.M0L1.4 | RST16I5/4 2 D03 LM BR | 1 | | 4 | 3 | 2 |

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

Toleranz 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 | 24.01.2020 | Hennemann V. |
| geprüft / checked | | |
| Normgepr. Stand. check | | |

Zeichnung Nr. / Drawing No.: 46.052.M053.0 13K

Index: a

Maße in mm / Dimensions are in mm

Vol. mm³ Oft./Srf. mm²

Ersatz für / Replacement for:

| Index | Datum / Blatt Date / Sheet | Änderung / Revision |
|---|---|---|
| a | 18.01.2021 / | |

wieland
www.wieland-electric.com

Type: RST16 MOLA

Bennenung/Title: STECKERTEIL_GA
male device connector 5/4 pole
mit/ohne Kontaktabdichtung/ with/without contact seal

QU-MEE-01/14 a


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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