product data sheet

item no. 46.032.M053.0

# device connector RST16I3 S D03 MGL

RST® MINI device connector, modular, straight, M20, number of poles 3, model male, connection type spring clamp connection, rated voltage 250 V, rated current 16 A, color of coding/ contact carrier light grey



| | |
|---|---|
| item no. | 46.032.M053.0 |
| EAN | 4049088572753 |
| order unit | 50 piece(s) |

## certificates / approvals

## technical data

**note**

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

**general**

| | |
|---|---|
| rated current | 16 A |
| rated voltage | 250 V |
| pollution degree | 3 |
| rated impulse voltage | 4 kV |
| lockable | self-locking (unlocking by hand) |
| color of coding/ contact carrier | light grey |
| Pole codification | L, N, PE |

**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 | 0.068 kWh/St |
| insulation components continous temperature | 100 °C |
| surface finish | silver-plated |

**dimensions**

| | |
|---|---|
| length | 43.5 mm |
| width | 29.3 mm |
| height | 24 mm |

## accessories

| item no. | type | description |
|---|---|---|
| 06.563.8853.0 | cover for male connector GL | RST16i3/2 cover piece, for covering unused male connectors, color light grey |
| 06.563.8953.0 | cover for male connector GL | RST16i3/2 cover piece, for covering unused male connectors, with fastening belt, color light grey |

## assembly

| item no. | type | description |
|---|---|---|
| 46.031.4553.0 | connector RST16I3 S B1 ZT4 GL | 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 light grey |
| 46.031.4453.0 | connector RST16I3 S B1 ZT3 GL | RST® MINI connector, straight, number of poles 3, female, connection type screw connection, rated voltage 250 V, rated current 16 A, cable diameter 7.1 - 13 mm, color of coding/ contact carrier light grey |

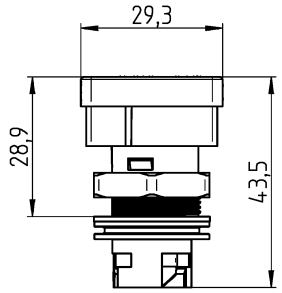
technical drawing

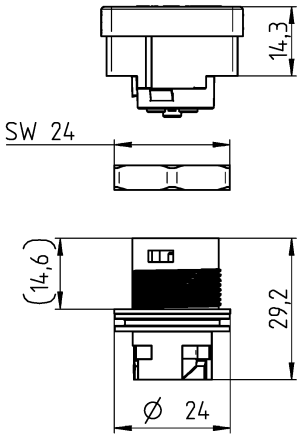
Gezeichnete Ausführung/drawn version
46.032.M053.0

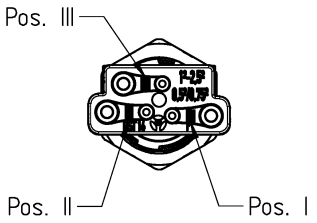
Auslieferungszustand/
delivery condition

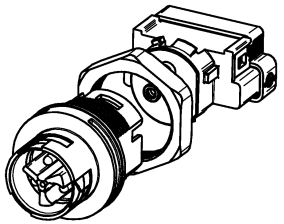


Gesteckter Zustand/
connected condition



| Teile-Nr. / part-no. | Type | Pol Kennzeichnung / pole marking | | |
|---|---|---|---|---|
| | | Pos. I | Pos. II | Pos. III |
| 46.032.M053.0 | RST1613 S D03 M GL | 1/L | 2/N | PE |
| 46.032.M0L0.0 | RST1613 2 D03 M GL | 1/L | 2/N | PE |
| 46.032.M053.1 | RST1613 S D03 M SW | 1/L | 2/N | PE |
| 46.032.M0L0.1 | RST1613 2 D03 M SW | 1/L | 2/N | PE |
| 46.032.M055.7 | RST1613 S D03 M GN | 1/L | 2/N | PE |
| 46.032.M0L0.7 | RST1613 2 D03 M GN | 1/L | 2/N | PE |
| 46.032.M050.6 | RST1613 S D03 M TB | D1 | D2 | PE |
| 46.032.M0L0.6 | RST1613 2 D03 M TB | D1 | D2 | PE |
| 46.032.M053.9 | RST1613 S D03 M BL | 1 | 2 | 3 |
| 46.032.M0L0.9 | RST1613 2 D03 M BL | 1 | 2 | 3 |
| 46.032.M050.4 | RST1613 S D03 LM BR | 1 | 2 | 3 |
| 46.032.M0L0.4 | RST1613 2 D03 LM BR | 1 | 2 | 3 |
| 46.032.M054.0 | RST1613/2 S D03 M GL | 1/L | 2/N | |
| 46.032.M0L1.0 | RST1613/2 2 D03 M GL | 1/L | 2/N | |
| 46.032.M054.1 | RST1613/2 S D03 M SW | 1/L | 2/N | |
| 46.032.M0L1.1 | RST1613/2 2 D03 M SW | 1/L | 2/N | |
| 46.032.M054.9 | RST1613/2 S D03 M BL | 1/L | 2/N | |
| 46.032.M0L1.9 | RST1613/2 2 D03 M BL | 1/L | 2/N | |
| 46.032.M051.4 | RST1613/2 S D03 LM BR | 1/L | 2/N | |
| 46.032.M0L1.4 | RST1613/2 2 D03 LM BR | 1/L | 2/N | |
| 46.032.M051.6 | RST1613/2 S D03 M TB | D1 | D2 | |
| 46.032.M0L1.6 | RST1613/2 2 D03 M TB | D1 | D2 | |

Weitere Daten siehe KATALOG oder eKatalog
additional data see CATALOG or eCATALOG

www.wieland-electric.com
eshop.wieland-electric.com

Toleranzierung 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

Vol. mm³ Oft./Srf. mm²

| | Tag/Date | Name |
|---|---|---|
| gezeichnet / drawn | 29.01.2020 | Hennemann V. |
| geprüft / checked | | |
| Normgepr. Stand. check | | |

Zeichnung Nr. / Drawing No.: T 46.032.M053.0 13K

Index: a

Maße in mm / Dimensions are in mm

Ersatz für / Replacement for:

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

Änderung / Revision

wieland
www.wieland-electric.com

Type: RST16
MOLA

Bennenung/Title:
STECKERTEIL_GA
male device connector 3/2 pole
mit/ohne Kontaktabdichtung / with/without contact seal

QU-MEE-01/14 a

A Weitergabe sowie Vervielfältigung dieses Dokuments, Verwertung und Mitteilung seines Inhalts sind verboten, soweit nicht ausdrücklich gestattet.
The reproduction, distribution and utilization of this document as well as the communication of its contents to others without express authorization is prohibited.

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

D Diese Maße werden bei Abnahme besonders geprüft
Ausschließlich Prüfmaße
Mit /E gekennzeichnete Maße sind nur für interne Zwecke gültig