product data sheet

item no. 41.021.3041.8

# connector RST08i3/2S B1 ZR1SHL KG

RST® MICRO connector, straight, number of poles 2, female, connection type screw connection, rated voltage 50 V / 120 V, rated current 8 A, cable diameter 4 - 7 mm, color of coding/ contact carrier pebble grey



| | |
|---|---|
| item no. | 41.021.3041.8 |
| EAN | 4049088481802 |
| order unit | 50 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 | 8 A |
| rated voltage | 50 V / 120 V |
| rated impulse voltage | 2.5 kV |
| strain relief | yes |
| pollution degree | 3 |
| lockable | self-locking (unlocking by hand) |
| color of coding/ contact carrier | pebble grey |
| marking of poles | 1, 2 |
| color of housing inclusive strain relief | black |
| RAL-Nummer Codierung/Kontakteinsatz | 7032 |

**connection data**

| | |
|---|---|
| cable diameter max. | 7 mm |
| cable diameter min. | 4 mm |
| connection cross section solid mm² max. | 1 mm² |
| connection cross section solid mm² min. | 0.2 mm² |
| connection cross section fine stranded mm² max. | 1 mm² |
| connection cross section fine stranded mm² min. | 0.22 mm² |
| terminations per pole | 1 |
| sheath strip length | 18 mm |
| wire strip length | 6 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 | 0.018 kWh/St |
| insulation components continous temperature | 100 °C |
| surface finish | silver-plated |

**dimensions**

| | |
|---|---|
| length | 42.5 mm |
| width | 14.9 mm |
| height | 14.9 mm |

## accessories

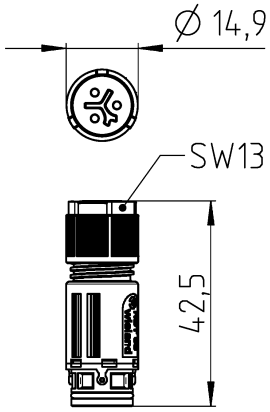
| item no. | type | description |
|---|---|---|
| 06.563.5053.1 | cover for female connector SW | RST08i3/2 cover piece, for covering unused female connectors, with fastening belt, color black |
| 06.502.6100.0 | allen key RST MICRO SW 0,9 | Allen Key for screw terminals RST® MICRO |
| 06.502.6300.0 | screwdriver RST MICRO SW 0,9 | Screwdriver (hexagonal wrench 0.9) for RST® MICRO |

## assembly

| item no. | type | description |
|---|---|---|
| 41.022.3041.8 | connector RST08i3/2S S1 ZR1SHL KG | RST® MICRO connector, straight, number of poles 2, male, connection type screw connection, rated voltage 50 V / 120 V, rated current 8 A, cable diameter 4 - 7 mm, color of coding/ contact carrier pebble grey |
| 4L.022.3041.8 | connector RST08i3/2S 21 ZR1SHL KG | RST® MICRO connector, straight, number of poles 2, male, connection type screw connection, rated voltage 50 V / 120 V, rated current 8 A, cable diameter 4 - 7 mm, longitudinal sealing yes, color of coding/ contact carrier pebble grey |
| 41.022.4041.8 | device connector RST08i3/2S S1 M02HL KG | RST® MICRO device connector, standard, straight, M14, number of poles 2, model male, connection type screw connection, rated voltage 50 V / 120 V, rated current 8 A, color of coding/ contact carrier pebble grey |
| 4L.022.4041.8 | device connector RST08i3/2S 21 M02HL KG | RST® MICRO device connector, standard, straight, M14, number of poles 2, model male, connection type screw connection, rated voltage 50 V / 120 V, rated current 8 A, longitudinal sealing yes, color of coding/ contact carrier pebble grey |

technical drawing

Gezeichnete Ausführung/drawn version
41.031.3053.1

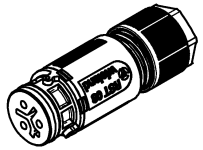



Auslieferungszustand/
*delivery status*



| Teile-Nr. / *part-no.* | Type | Kodierung / *coding* |
|---|---|---|
| 41.031.3053.1 | RST08i3 S B1 ZR1 H SW | C1 |
| 4L.031.3053.1 | RST08i3 S 11 ZR1 H SW | |
| 41.031.3043.9 | RST08i3 S B1 ZR1SH BL | C2 |
| 4L.031.3043.9 | RST08i3 S 11 ZR1SH BL | |
| 41.031.3041.4 | RST08i3 S B1 ZR1SHL SG | C3 |
| 4L.031.3041.4 | RST08i3 S 11 ZR1SHL SG | |
| 41.031.3051.8 | RST08i3 S B1 ZR1SHL KG | C4 |
| 4L.031.3051.8 | RST08i3 S 11 ZR1SHL KG | |
| 41.021.3043.1 | RST08i3/2S B1 ZR1 H SW | C1 |
| 4L.021.3043.1 | RST08i3/2S 11 ZR1 H SW | |
| 41.021.3043.9 | RST08i3/2S B1 ZR1SH BL | C2 |
| 4L.021.3043.9 | RST08i3/2S 11 ZR1SH BL | |
| 41.021.3041.4 | RST08i3/2S B1 ZR1SHL SG | C3 |
| 4L.021.3041.4 | RST08i3/2S 11 ZR1SHL SG | |
| 41.021.3041.8 | RST08i3/2S B1 ZR1SHL KG | C4 |
| 4L.021.3041.8 | RST08i3/2S 11 ZR1SHL KG | |

●=Pol nicht bestückt
*/pole not mounted*



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

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

Vol. mm³ Ofl./Srf. mm²

| | Tag/Date | Name |
|---|---|---|
| gezeichnet / drawn | 22.02.2018 | Hollet |
| geprüft / checked | | |
| Normgepr. Stand. check | | |

Zeichnung Nr. / Drawing No.: 41.031.3053.1 13K

Index: a

Maße in mm / Dimensions are in mm

Ersatz für / Replacement for:

| Index | Datum / Blatt Date / Sheet | Änderung / Revision |
|---|---|---|
| a | 12.03.2020 / | |

wieland
www.wieland-electric.com

Type: RSTmicro

Bennenung/Title: BUCHSENTEIL_FA_ZE
female with strain relief

Diese Maße werden bei Abnahme besonders geprüft / Ausschließlich Prüfmaße

Mit E gekennzeichnete Maße sind nur für interne Zwecke gültig

These dimensions will be especially checked at delivery / Only inspection dimensions

With /E marked dimensions are only valid for internal use

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