product data sheet

item no. 96.032.4551.4

# connector RST20I3S S1 ZR3 V BR

RST® CLASSIC connector, straight, number of poles 3, male, connection type screw connection, rated voltage 50 V / 120 V, rated current 20 A, cable diameter 13 - 18 mm, color of coding/ contact carrier signal brown



| | |
|---|---|
| item no. | 96.032.4551.4 |
| EAN | 4049088570780 |
| 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 | 20 A |
| rated voltage | 50 V / 120 V |
| rated impulse voltage | 4 kV |
| strain relief | yes |
| pollution degree | 3 |
| lockable | yes |
| color of coding/ contact carrier | signal brown |
| Pole codification | 1, 2, PE |
| color of housing inclusive strain relief | black |
| RAL-Nummer Codierung/Kontakteinsatz | 8002 |

**connection data**

| | |
|---|---|
| cable diameter max. | 18 mm |
| cable diameter min. | 13 mm |
| connection cross section solid mm² max. | 6 mm² |
| connection cross section solid mm² min. | 0.75 mm² |
| connection cross section fine stranded mm² max. | 6 mm² |
| connection cross section fine stranded mm² min. | 0.75 mm² |
| terminations per pole | 1 |
| connection cross section stranded mm² min. | 0.75 mm² |
| connection cross section stranded mm² max. | 6 mm² |
| sheath strip length | 37 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 | plastic |
| halogen free | yes |
| contact material | CuZn |
| fire load | 0.347 kWh/St |
| insulation components continous temperature | 100 °C |
| surface finish | silver-plated |

**dimensions**

| | |
|---|---|
| length | 93.7 mm |
| width | 35.4 mm |
| height | 35.4 mm |

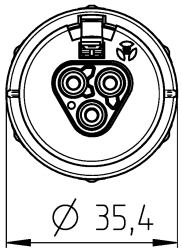
## accessories

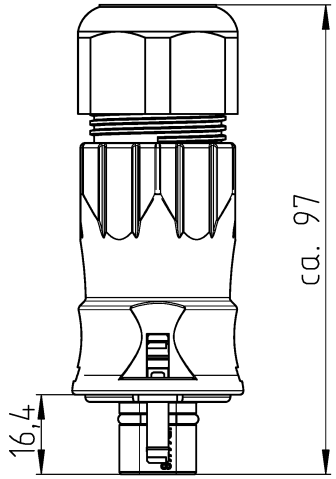
| item no. | type | description |
|---|---|---|
| 05.564.4453.1 | cover for male connector SW | RST20i3/2 cover piece, for covering unused male connectors, color black |
| 99.416.6205.2 | cover for male connector SW | RST20i3/2 cover piece, for covering unused male connectors, with fastening belt, color black |

## assembly

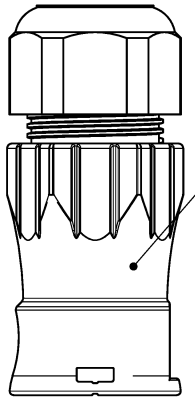
| item no. | type | description |
|---|---|---|
| 96.031.5051.4 | device connector RST20I3S B1 M01 L BR0 | RST® CLASSIC device connector, standard, straight, M25, number of poles 3, model female, connection type screw connection, rated voltage 50 V / 120 V, rated current 20 A, color of coding/ contact carrier signal brown |
| 96.031.4551.4 | connector RST20I3S B1 ZR3 BR | RST® CLASSIC connector, straight, number of poles 3, female, connection type screw connection, rated voltage 50 V / 120 V, rated current 20 A, cable diameter 13 - 18 mm, color of coding/ contact carrier signal brown |

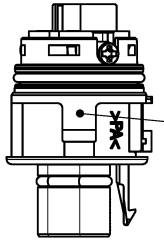
technical drawing

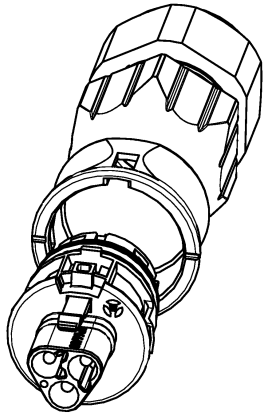



## Auslieferungszustand
## delivery status



Verpackungseinheit: 100 Stück
packaging unit: 100

| | | |
|---|---|---|
| 96.032.4551.4 | RST2013S S1 ZR3 BR | signalbraun/signal brown |
| Bestellnummer /order number | Typ /type | Farbe /colour |

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 envolope principle. According to the envolope 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 | 05.02.2020 | Schmitt J. |

Elektronische Freigabe Electronic Release

Zeichnung Nr. / Drawing No. 96.032.4551.4 13K Index a

Maße in mm / Dimensions are in mm

Vol. mm³ Ofl./Srf. mm²

Ersatz für / Replacement for:

| Index | Datum / Blatt Date / Sheet | Änderung / Revision |
|---|---|---|
| a | 07.03.2025 / | |

wieland

Type RST2013S S1 ZR3 BR

Benennung/Title

STECKERTEIL + ZE

Schraubanschliss ohne Drahtschutz /screw connection without wire connection male connector with cord grip

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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

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