product data sheet

item no. 96.032.0151.4

# connector RST20I3F S2 ZR2SVL BR0

RST® CLASSIC connector, straight, number of poles 3, male, connection type spring clamp connection, rated voltage 50 V / 120 V, rated current 20 A, cable diameter 10 - 14 mm, color of coding/ contact carrier signal brown



| | |
|---|---|
| item no. | 96.032.0151.4 |
| EAN | 4015573955813 |
| order unit | 100 piece(s) |

## certificates / approvals

## technical data

**note**

| | |
|---|---|
| note | fine stranded and stranded conductors require cable end sleeve |

**general**

| | |
|---|---|
| rated current | 20 A |
| rated voltage | 50 V / 120 V |
| rated impulse voltage | 4 kV |
| strain relief | yes |
| pollution degree | 3 |
| lockable | self-locking (unlocking by tool) |
| color of coding/ contact carrier | signal brown |
| marking of poles | 1, 2, PE |
| color of housing inclusive strain relief | black |
| RAL-Nummer Codierung/Kontakteinsatz | 8002 |

**connection data**

| | |
|---|---|
| cable diameter max. | 14 mm |
| cable diameter min. | 10 mm |
| 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. | 1.5 mm² |
| connection cross section fine stranded mm² min. | 0.5 mm² |
| terminations per pole | 2 |
| connection cross section stranded mm² min. | 0.75 mm² |
| connection cross section stranded mm² max. | 1.5 mm² |
| sheath strip length | 35 mm |
| wire strip length | 14.5 mm |

**model**

| | |
|---|---|
| model | male |
| connection type | spring clamp connection |

| | |
|---|---|
| degree of protection (IP) | IP66/68 (3m;2h) /IP69 |
| remark to type of connection | fine stranded and stranded conductors require cable end sleeve |

**material**

| | |
|---|---|
| housing material | polyamide |
| halogen free | yes |
| contact material | CuZn |
| fire load | 0.272 kWh/St |
| insulation components continous temperature | 100 °C |
| surface finish | silver-plated |

**dimensions**

| | |
|---|---|
| length | 79.1 mm |
| width | 34.6 mm |
| height | 34.6 mm |

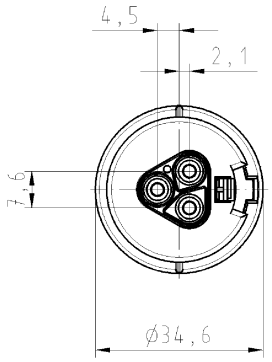
## accessories

| 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 |
| 06.502.4300.0 | screwdriver DIN 5264 A 0,4 X 2,5 | Screw driver according to DIN 5264 A, blade: 0.4x2.5 mm, long and straight version |
| 95.101.1300.0 | ferrule crimping tool 0,08 - 10 mm² | Crimping tool for ferrules, wire strip length: 7-28 mm, nominal cross section: 0,08-10 mm², length of tool: 180 mm |
| 06.600.3627.0 | ferrule DIN 46228-E1-12 | RST ferrule, for spring clamp contact, with insulating sleeve, for cross section 1.0 mm²/AWG17 |
| 06.600.3727.0 | ferrule DIN 46228-E0,75-12 | RST ferrule, for spring clamp contact, with insulating sleeve, for cross section 0.75-1.0 mm²/AWG17 |
| 06.600.3827.0 | ferrule DIN 46228-E0,5-10 | RST ferrule, for spring clamp contact, with insulating sleeve, for cross section 0.5 mm²/AWG20 |
| 06.600.3927.0 | ferrule DIN 46228-E1,5-12 | RST ferrule, for spring clamp contact, with insulating sleeve, for cross section 1.5 mm²/AWG16 |

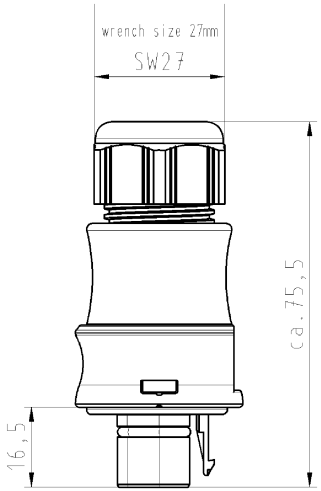
## assembly

| item no. | type | description |
|---|---|---|
| 96.030.0151.4 | distributor RST20I3V 3P1 F V L BR0 | RST® CLASSIC distributor, parallel connection, with fastening option, number of poles 3, rated voltage 50 V / 120 V, rated current 20 A, number of inputs 1, number of outputs 3, color of coding/ contact carrier signal brown |
| 96.031.1051.4 | device connector RST20I3F B2 M01 L BR0 | RST® CLASSIC device connector, standard, straight, M25, number of poles 3, model female, connection type spring clamp connection, rated voltage 50 V / 120 V, rated current 20 A, color of coding/ contact carrier signal brown |
| 96.031.0151.4 | connector RST20I3F B2 ZR2S L BR0 | RST® CLASSIC connector, straight, number of poles 3, female, connection type spring clamp connection, rated voltage 50 V / 120 V, rated current 20 A, cable diameter 10 - 14 mm, color of coding/ contact carrier signal brown |
| 96.031.2151.4 | device connector RST20I3F B2 M03 L BR0 | RST® CLASSIC device connector, modular, straight, M16, number of poles 3, model female, connection type spring clamp connection, rated voltage 50 V / 120 V, rated current 20 A, color of coding/ contact carrier signal brown |
| 96.031.2051.4 | device connector RST20I3F B2 M00 L BR0 | RST® CLASSIC device connector, modular, straight, M20, number of poles 3, model female, connection type spring clamp connection, rated voltage 50 V / 120 V, rated current 20 A, color of coding/ contact carrier signal brown |
| 96.033.2051.4 | device connector RST20I3F B2 M90 L BR0 | RST® CLASSIC device connector, modular, angled 90°, M20, number of poles 3, model female, connection type spring clamp connection, rated voltage 50 V / 120 V, rated current 20 A, color of coding/ contact carrier signal brown |
| 96.035.2151.4 | device connector RST20I3F B2 M13 L BR01 | RST20i3 device connector (7° angled) M16, 3 pole, female, spring clamp connection, modular, application ~50V/-120V with PE, 20A, coding color signal brown, color of housing black |

technical drawing

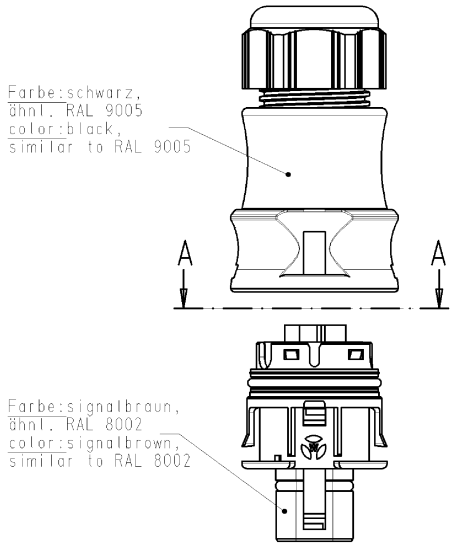



These dimensions will be especially checked at delivery
Only inspection dimensions
With ℄ marked dimensions are only valid for internal use




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

## Ausführungszustand
## delivery status

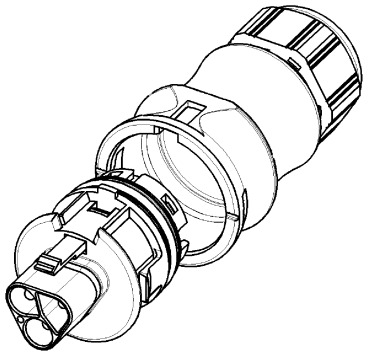



Verpackungseinheit: je 100 Stück
packaging unit: per 100

A-A



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Type/type:RST2013F S2 ZR2SVL BR01

Tolerierung nach DIN 7167/Tolerance system acc. to DIN 7167.
[This DIN-Standard desbribes 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 OU-TGM-05/03 ist einzuhalten.
Conformity with Wieland document OU-TGM-05/03 [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/Sheet: 1 von/of 1

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Werkstoff/Material | | 2007 | Tag/Date | Name | Zeichnung Nr./Drawing No. | | Index |
| | gezeichnet/drawn | 29.01. | Kneitz | | 96.032.0151.4 01K | | |
| Maßstab/Scale 1:1 | geprüft/checked | - | - | | | | |
| | Normgep. Stand./check | - | - | | Maße in mm/Dimensions are in mm | | |
| Vol. mm³ Ofl./Surf. mm² | Ersatz für/Replacement for: - | | | | | | |
| wieland Elektrische Verbindungen | Type | Benennung/Title: STECKERTEIL_MIT_ZUGENTLASTUNG<br>mate connector with cord grip<br>Federkraftanschluß/spring-clamp connection<br>Kodierung/keying 1 (50V/20A) | | | | | |
| Index / Änderung/Revision | Datum / Blatt / Date / Sheet | | | | | | |

OU-PEM-08/91

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