product data sheet

item no. 96.021.4053.1

# connector RST20I2S B13ZR1 SW

RST® CLASSIC connector, straight, number of poles 2, female, connection type screw connection, rated voltage 250 V, rated current 20 A, cable diameter 6 - 10 mm, color of coding/ contact carrier black



| | |
|---|---|
| item no. | 96.021.4053.1 |
| EAN | 4015573852518 |
| 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 | 250 V |
| rated impulse voltage | 4 kV |
| strain relief | yes |
| pollution degree | 3 |
| lockable | self-locking (unlocking by tool) |
| color of coding/ contact carrier | black |
| marking of poles | L, N |
| color of housing inclusive strain relief | black |
| RAL-Nummer Codierung/Kontakteinsatz | 9005 |

**connection data**

| | |
|---|---|
| cable diameter max. | 10 mm |
| cable diameter min. | 6 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 | 26.5 mm |
| wire strip length | 8 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 | 0.293 kWh/St |
| insulation components continous temperature | 100 °C |
| surface finish | silver-plated |

**dimensions**

| | |
|---|---|
| length | 82 mm |
| width | 34.6 mm |
| height | 34.6 mm |

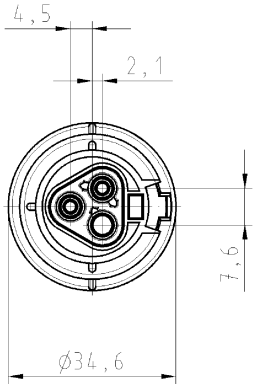
## accessories

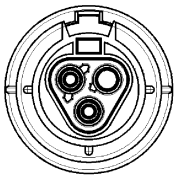
| item no. | type | description |
|---|---|---|
| 99.414.6205.2 | cover for female connector SW | RST20i3/2 cover piece, for covering unused female connectors, with fastening belt, color black |
| Z5.564.4553.1 | cover for female connector SW | RST20i3/2 cover piece, for covering unused female connectors, color black |

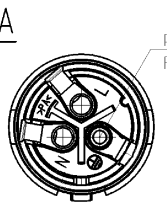
## assembly

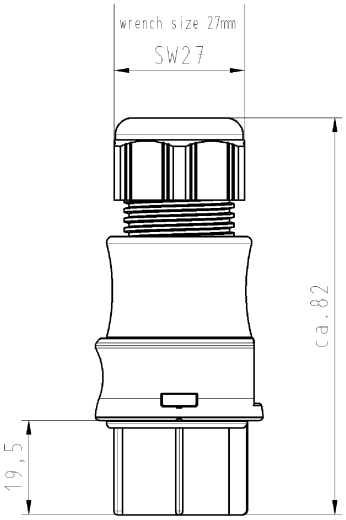
| item no. | type | description |
|---|---|---|
| 96.020.0153.1 | distributor RST20I2V 3P1 F V SW | RST® CLASSIC distributor, parallel connection, with fastening option, number of poles 2, rated voltage 250 V, rated current 10 A, number of inputs 1, number of outputs 3, color of coding/ contact carrier black |

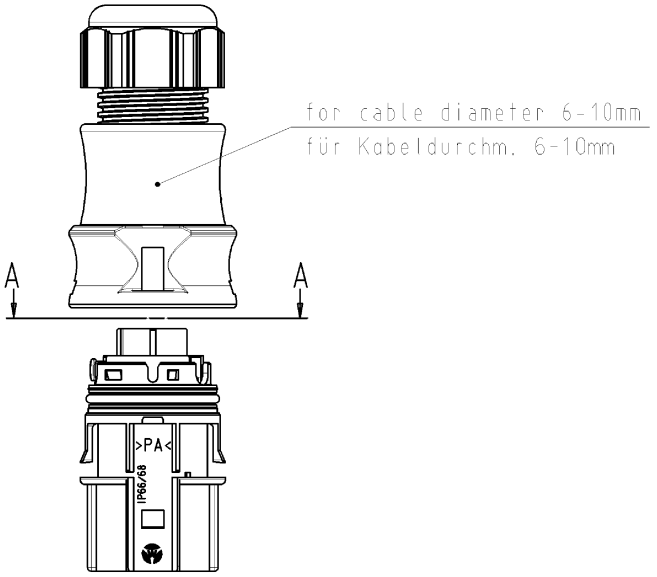
technical drawing

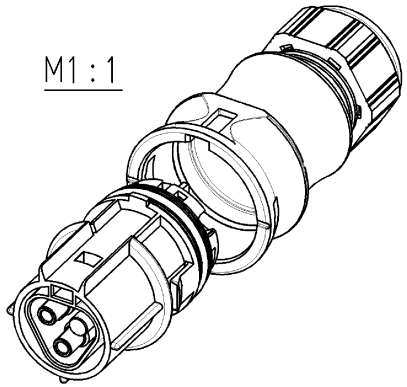





Diese Maße werden bei Abnahme besonders geprüft
Ausschließlich Prüfmaße
M1 Gekennzeichnete Maße sind nur für interne Zwecke gültig

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| Teile-Nr./ part-nr. | Farbe:/ color: |
|---|---|
| 96.021.4053.1 | schwarz, ähnl. RAL 9005/ black, similar to RAL 9005 |
| 96.021.4053.0 | lichtgrau, ähnl.RAL 7035/ lightgrey, similar to RAL 7035 |

Verpackungseinheit: je 100 Stück
packaging unit: per 100

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Freitoleranz nach | | | | CAD - Zeichnung, keine manuellen Änderungen | | | 1.Verwendung: - | | Bl.: 1 von 1 | | |
| | | / | Maßstab 1:1 | Werkstoff und Oberfläche: | | 2005 | Tag | Name | T | Zeichnung Nr. 96.021.4053.0 01K | Index |
| | | / | | | | Entworfen | 06.07. | Kneitz | | | |
| | | / | | | | Geprüft | - | - | | | |
| | | / | Vol. mm³ | Oft. mm³ | | Normgepr. | - | - | | Ersatz für: - | |
| | | / | wieland Elektrische Verbindungen | | | Typ RST2012S B13ZR1 | | | Benennung BUCHSENTEIL_MIT_ZUGENTLASTUNG female connector with cord grip Schraubanschluß ohne Drahtschutz/screw-connection without wire protection | | |
| | | / | | | | | | | | | |
| Buchstabe | Datum / Blatt | Änderung | | | | | | | | | |

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