product data sheet

item no. X6.052.4153.6

# connector RST20I5SXS1 ZR2SVA TB04

RST® CLASSIC ATEX connector, straight, number of poles 5, male, connection type screw connection, rated voltage 250 V, rated current 20 A, cable diameter 10 - 14 mm, color of coding/ contact carrier turquoise blue



| | |
|---|---|
| item no. | X6.052.4153.6 |
| EAN | 4049088009662 |
| order unit | 100 piece(s) |

## certificates / approvals

SEV-Ex

## technical data

**note**

| | |
|---|---|
| note | fine-stranded and stranded wires have to be used without ferrules |

**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 | turquoise blue |
| marking of poles | L, N, PE, D1, D2 |
| color of housing inclusive strain relief | black |
| explosion-tested version | yes |
| RAL-Nummer Codierung/Kontakteinsatz | 5018 |

**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. | 1.5 mm² |
| connection cross section fine stranded mm² max. | 2.5 mm² |
| connection cross section fine stranded mm² min. | 1.5 mm² |
| terminations per pole | 1 |
| sheath strip length | 26.5 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 | polyamide |
| halogen free | yes |
| contact material | CuZn |
| fire load | 0.288 kWh/St |
| insulation components continous temperature | 100 °C |
| surface finish | silver-plated |

**dimensions**

| | |
|---|---|
| length | 78.4 mm |
| width | 34.6 mm |
| height | 34.6 mm |

## accessories

| item no. | type | description |
|---|---|---|
| 05.565.9953.1 | cover for male connector SW | RST20i5/4 cover piece, for covering unused male connectors, color black |
| 99.532.0000.7 | cover for male connector SW | RST20i5/4 cover piece, for covering unused male connectors, with fastening belt, color black |

## assembly

| item no. | type | description |
|---|---|---|
| X6.051.5053.6 | device connector RST20I5SXB1 M01 A TB04 | RST® CLASSIC ATEX device connector, standard, straight, M25, number of poles 5, model female, connection type screw connection, rated voltage 250 V, rated current 20 A, color of coding/ contact carrier turquoise blue |
| X6.051.4153.6 | connector RST20I5SXB1 ZR2S A TB04 | RST® CLASSIC ATEX connector, straight, number of poles 5, female, connection type screw connection, rated voltage 250 V, rated current 20 A, cable diameter 10 - 14 mm, color of coding/ contact carrier turquoise blue |
| X6.051.6053.6 | device connector RST20I5SXB1 M00 A TB04 | RST® CLASSIC ATEX device connector, modular, straight, M20, number of poles 5, model female, connection type screw connection, rated voltage 250 V, rated current 20 A, color of coding/ contact carrier turquoise blue |