product data sheet

item no. X6.032.4153.0

# connector RST20I3SXS1 ZR2 V GL

RST20i3 ATEX Connector, straight, number of poles 3, male, connection type screw connection, rated voltage 250 V, rated current 20 A, cable diameter 10 - 14 mm, color of coding/ contact carrier light grey



| | |
|---|---|
| item no. | X6.032.4153.0 |
| EAN | 4049088011337 |
| order unit | 100 piece(s) |

## certificates / approvals

SEV-Ex

## 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 | light grey |
| marking of poles | L, N, PE |
| color of housing inclusive strain relief | light grey |
| explosion-tested version | yes |

**connection data**

| | |
|---|---|
| cable diameter max. | 14 mm |
| cable diameter min. | 10 mm |
| connection cross section solid mm² max. | 4 mm² |
| connection cross section solid mm² min. | 1.5 mm² |
| connection cross section fine stranded mm² max. | 4 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 | 0.269 kWh |
| 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 |
|---|---|---|
| 05.564.4453.0 | cover for male connector GL | RST20i3/2 cover piece, for covering unused male connectors, color light grey |
| 99.415.6205.2 | cover for male connector GL | RST20i3/2 cover piece, for covering unused male connectors, with fastening belt, color light grey |

## assembly

| item no. | type | description |
|---|---|---|
| X6.031.5053.0 | device connector RST20I3SXB1 M01 GL | RST20i3 ATEX Device connector, standard, straight, M25, number of poles 3, model female, connection type screw connection, rated voltage 250 V, rated current 20 A, color of coding/ contact carrier light grey |
| X6.031.4153.0 | connector RST20I3SXB1 ZR2 GL | RST20i3 ATEX Connector, straight, number of poles 3, female, connection type screw connection, rated voltage 250 V, rated current 20 A, cable diameter 10 - 14 mm, color of coding/ contact carrier light grey |
| X6.031.6053.0 | device connector RST20I3SXB1 M00 GL | RST20i3 ATEX Device connector, modular, straight, M20, number of poles 3, model female, connection type screw connection, rated voltage 250 V, rated current 20 A, color of coding/ contact carrier light grey |