product data sheet

item no. X6.031.4353.0

# connector RST20I3SXB2 ZRY GL

RST® CLASSIC ATEX connector, splitter connector, 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



| | |
|---|---|
| item no. | X6.031.4353.0 |
| EAN | 4049088047657 |
| 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 |
| RAL-Nummer Codierung/Kontakteinsatz | 7035 |

**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 | 40.5 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 | 0.517 kWh/St |
| insulation components continous temperature | 100 °C |
| surface finish | silver-plated |

**dimensions**

| | |
|---|---|
| length | 97 mm |
| width | 59 mm |
| height | 38 mm |

## accessories

| item no. | type | description |
|---|---|---|
| 99.413.6205.2 | cover for female connector GL | RST20i3/2 cover piece, for covering unused female connectors, with fastening belt, color light grey |
| Z5.564.4553.0 | cover for female connector GL | RST20i3/2 cover piece, for covering unused female connectors, color light grey |

## assembly

| item no. | type | description |
|---|---|---|
| X6.032.5053.0 | device connector RST20I3SXS1 M01V GL | RST® CLASSIC ATEX device connector, standard, straight, M25, number of poles 3, model male, connection type screw connection, rated voltage 250 V, rated current 20 A, color of coding/ contact carrier light grey |
| X6.032.6053.0 | device connector RST20I3SXS1 M00V GL | RST® CLASSIC ATEX device connector, modular, straight, M20, number of poles 3, model male, connection type screw connection, rated voltage 250 V, rated current 20 A, color of coding/ contact carrier light grey |