product data sheet

item no. X6.032.6053.1

# device connector RST20I3SXS1 M00V SW

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 black



| | |
|---|---|
| item no. | X6.032.6053.1 |
| EAN | 4015573989078 |
| 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.positioning realised with flattened thread |

**general**

| | |
|---|---|
| rated current | 20 A |
| rated voltage | 250 V |
| pollution degree | 3 |
| rated impulse voltage | 4 kV |
| continuity resistor | 0.55 mOhm |
| lockable | self-locking (unlocking by tool) |
| color of coding/ contact carrier | black |
| marking of poles | L, N, PE |
| color of separate adapter (if present) | black |
| explosion-tested version | yes |

**connection data**

| | |
|---|---|
| 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 |
| wire strip length | 8 mm |

**model**

| | |
|---|---|
| model | male |
| connection type | screw connection |
| connecting thread metric | M20 |
| angle of plug | straight |
| degree of protection (IP) | IP66/68 (3m;2h) /IP69 |

| | |
|---|---|
| thickness of housings (electrical device) | 0.5 mm |
| thickness of housings (electrical device) | 8 mm |

**material**

| | |
|---|---|
| housing material | polyamide |
| halogen free | yes |
| contact material | CuZn |
| fire load | 0 kWh/St |
| insulation components continous temperature | 100 °C |
| surface finish | silver-plated |

**dimensions**

| | |
|---|---|
| length | 65.3 mm |
| width | 35 mm |
| height | 35 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 |