product data sheet

item no. X6.041.5053.1

## device connector RST20I4SXB1 M01 SW

RST® CLASSIC ATEX device connector, standard, straight, M25, number of poles 4, model female, connection type screw connection, rated voltage 250 V / 400 V, rated current 20 A, color of coding/ contact carrier black



| | |
|---|---|
| item no. | X6.041.5053.1 |
| EAN | 4049088089329 |
| 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 / 400 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 | 1, 2, 3, PE |
| color of separate adapter (if present) | black |
| explosion-tested version | yes |

**connection data**

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

**model**

| | |
|---|---|
| model | female |
| connection type | screw connection |
| connecting thread metric | M25 |
| 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 | 0.135 kWh/St |
| insulation components continous temperature | 100 °C |
| surface finish | silver-plated |

**dimensions**

| | |
|---|---|
| length | 51.4 mm |
| width | 35 mm |
| height | 35 mm |

## accessories

| item no. | type | description |
|---|---|---|
| 99.530.0000.7 | cover for female connector SW | RST20i5/4 cover piece, for covering unused female connectors, with fastening belt, color black |
| Z5.565.9853.1 | cover for female connector SW | RST20i5/4 cover piece, for covering unused female connectors, color black |
| 05.564.8653.1 | manual disconnect RST20i3/i5 SCHWARZ | Manual disconnect for later installation of RST connectors, color black |
| 05.566.5253.1 | distance ring RST | RST20/25 distance ring, for device connectors to ensure unlocking with screwdriver, color black |
| 05.568.8853.1 | distance ring RST | RST20/25 distance ring, for device connectors to ensure unlocking without tool,color black |