

## product data sheet

item no. 96.031.5053.1

### device connector RST20I3S B1 M01 SW

RST® CLASSIC 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 black



|            |               |
|------------|---------------|
| item no.   | 96.031.5053.1 |
| EAN        | 4015573793248 |
| order unit | 100 piece(s)  |

#### certificates / approvals



#### 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                            |
| Pole codification                | L, N, PE                         |

##### connection data

|                                                 |          |
|-------------------------------------------------|----------|
| connection cross section solid mm² max.         | 6 mm²    |
| connection cross section solid mm² min.         | 0.75 mm² |
| connection cross section fine stranded mm² max. | 6 mm²    |
| connection cross section fine stranded mm² min. | 0.75 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                                   | 0.136 kWh/St  |
| insulation components continous temperature | 100 °C        |
| surface finish                              | silver-plated |

**dimensions**

|        |         |
|--------|---------|
| length | 50.5 mm |
| width  | 35 mm   |
| height | 35 mm   |

**accessories**

| item no.      | type                          | description                                                                                     |
|---------------|-------------------------------|-------------------------------------------------------------------------------------------------|
| 99.414.6205.2 | cover for female connector SW | RST20i3/2 cover piece, for covering unused female connectors, with fastening belt, color black  |
| Z5.564.4553.1 | cover for female connector SW | RST20i3/2 cover piece, for covering unused female 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      |

