

## product data sheet

item no. 46.052.M0L0.1

### device connector RST16I5 2 D03 MSW

RST® MINI device connector, modular, straight, M20, number of poles 5, model male, connection type spring clamp connection, rated voltage 250 V / 400 V, rated current 16 A, longitudinal sealing yes, color of coding/ contact carrier black



|            |               |
|------------|---------------|
| item no.   | 46.052.M0L0.1 |
| EAN        | 4049088572524 |
| order unit | 50 piece(s)   |

### certificates / approvals



### technical data

#### note

|      |                                            |
|------|--------------------------------------------|
| note | positioning realised with flattened thread |
|------|--------------------------------------------|

#### general

|                                  |                                  |
|----------------------------------|----------------------------------|
| rated current                    | 16 A                             |
| rated voltage                    | 250 V / 400 V                    |
| pollution degree                 | 3                                |
| rated impulse voltage            | 4 kV                             |
| lockable                         | self-locking (unlocking by hand) |
| color of coding/ contact carrier | black                            |
| Pole codification                | 3, N, PE, 2, 1                   |

#### connection data

|                                                 |         |
|-------------------------------------------------|---------|
| connection cross section solid mm² max.         | 2.5 mm² |
| connection cross section solid mm² min.         | 0.5 mm² |
| connection cross section fine stranded mm² max. | 2.5 mm² |
| connection cross section fine stranded mm² min. | 0.5 mm² |

#### model

|                                           |                         |
|-------------------------------------------|-------------------------|
| model                                     | male                    |
| connection type                           | spring clamp connection |
| connecting thread metric                  | M20                     |
| angle of plug                             | straight                |
| degree of protection (IP)                 | IP66/68 (3m;2h) /IP69   |
| longitudinal sealed                       | yes                     |
| thickness of housings (electrical device) | 1 mm                    |
| thickness of housings (electrical device) | 4 mm                    |

#### material

|                  |           |
|------------------|-----------|
| housing material | polyamide |
|------------------|-----------|

|                  |               |
|------------------|---------------|
| halogen free     | yes           |
| contact material | CuZn          |
| fire load        | 0.079 kWh/St  |
| surface finish   | silver-plated |

**dimensions**

|        |         |
|--------|---------|
| length | 42.9 mm |
| width  | 31 mm   |
| height | 24 mm   |

**accessories**

| item no.      | type                        | description                                                                                  |
|---------------|-----------------------------|----------------------------------------------------------------------------------------------|
| 06.563.9253.1 | cover for male connector SW | RST16i5/4 cover piece, for covering unused male connectors, color black                      |
| 06.563.9353.1 | cover for male connector SW | RST16i5/4 cover piece, for covering unused male connectors, with fastening belt, color black |

**assembly**

| item no.      | type                          | description                                                                                                                                                                                                      |
|---------------|-------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 46.051.4553.1 | connector RST16i5 S B1 ZT6 SW | RST® MINI connector, straight, number of poles 5, female, connection type screw connection, rated voltage 250 V / 400 V, rated current 16 A, cable diameter 7.1 - 13 mm, color of coding/ contact carrier black  |
| 46.051.4153.1 | connector RST16i5 S B1 ZT5 SW | RST® MINI connector, straight, number of poles 5, female, connection type screw connection, rated voltage 250 V / 400 V, rated current 16 A, cable diameter 10 - 14.5 mm, color of coding/ contact carrier black |

