product data sheet

item no. 96.033.4153.9

## connector RST20I3S B1 YR2S BL0

RST® CLASSIC connector, angled 90°, number of poles 3, female, connection type screw connection, rated voltage 250 V / 400 V, rated current 20 A, cable diameter 10 - 14 mm, color of coding/ contact carrier light blue



| | |
|---|---|
| item no. | 96.033.4153.9 |
| EAN | 4049088001864 |
| 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. |

**general**

| | |
|---|---|
| rated current | 20 A |
| rated voltage | 250 V / 400 V |
| rated impulse voltage | 4 kV |
| strain relief | yes |
| pollution degree | 3 |
| lockable | self-locking (unlocking by tool) |
| color of coding/ contact carrier | light blue |
| marking of poles | 1, 2, 3 |
| color of housing inclusive strain relief | black |
| RAL-Nummer Codierung/Kontakteinsatz | 5012 |

**connection data**

| | |
|---|---|
| cable diameter max. | 14 mm |
| cable diameter min. | 10 mm |
| 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 |
| connection cross section stranded mm² min. | 0.75 mm² |
| connection cross section stranded mm² max. | 6 mm² |
| sheath strip length | 26.5 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 | 0.325 kWh/St |
| insulation components continous temperature | 100 °C |
| surface finish | silver-plated |

**dimensions**

| | |
|---|---|
| length | 73.4 mm |
| width | 34.6 mm |
| height | 62.3 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 |
| 05.564.8653.1 | manual disconnect RST20i3/i5 SCHWARZ | Manual disconnect for later installation of RST connectors, color black |

## assembly

| item no. | type | description |
|---|---|---|
| 96.032.5053.9 | device connector RST20I3S S1 M01V BL0 | RST® CLASSIC device connector, standard, straight, M25, number of poles 3, model male, connection type screw connection, rated voltage 250 V / 400 V, rated current 20 A, color of coding/ contact carrier light blue |
| 96.032.4153.9 | connector RST20I3S S1 ZR2SV BL0 | RST® CLASSIC connector, straight, number of poles 3, male, connection type screw connection, rated voltage 250 V / 400 V, rated current 20 A, cable diameter 10 - 14 mm, color of coding/ contact carrier light blue |
| 96.032.6153.9 | device connector RST20I3S S1 M03V BL0 | RST® CLASSIC device connector, modular, straight, M16, number of poles 3, model male, connection type screw connection, rated voltage 250 V / 400 V, rated current 20 A, color of coding/ contact carrier light blue |
| 96.032.6053.9 | device connector RST20I3S S1 M00V BL0 | RST® CLASSIC device connector, modular, straight, M20, number of poles 3, model male, connection type screw connection, rated voltage 250 V / 400 V, rated current 20 A, color of coding/ contact carrier light blue |
| 96.034.6053.9 | device connector RST20I3S S1 M90V BL0 | RST® CLASSIC device connector, modular, angled 90°, M20, number of poles 3, model male, connection type screw connection, rated voltage 250 V / 400 V, rated current 20 A, color of coding/ contact carrier light blue |
| 96.036.6153.9 | device connector RST20I3S B1 M13 BL07 | RST20i3 device connector (7° angled) M16, 3 pole, male, screw connection, modular, application 250/400V, 20A, coding color light blue, color of housing black |