product data sheet

item no. 96.032.4251.4

# connector RST20I3S S1 ZRXSVL BR01

RST20i3 splitter connector, 3 pole, male, screw connection, application ~50V/-120V with PE, 20A, for cable diameters 6-10mm, coding color signal brown, color of housing black



| | |
|---|---|
| item no. | 96.032.4251.4 |
| EAN | 4049644012051 |
| 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 | 50 V / 120 V |
| rated impulse voltage | 4 kV |
| strain relief | yes |
| pollution degree | 3 |
| lockable | self-locking (unlocking by tool) |
| color of coding/ contact carrier | signal brown |
| marking of poles | 1, 2, PE |
| color of housing inclusive strain relief | black |

**connection data**

| | |
|---|---|
| cable diameter max. | 10 mm |
| cable diameter min. | 6 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 | 40.5 mm |
| wire strip length | 8 mm |

**model**

| | |
|---|---|
| model | male |
| 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 kWh |
| insulation components continous temperature | 100 °C |
| surface finish | silver-plated |

**dimensions**

| | |
|---|---|
| length | 93 mm |
| width | 59 mm |
| height | 38 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 |

## assembly

| item no. | type | description |
|---|---|---|
| 96.030.0151.4 | distributor RST20I3V 3P1 F V L BR0 | RST20i3 Distributor, parallel connection, with fastening option, number of poles 3, rated voltage 50 V / 120 V, rated current 20 A, number of inputs 1, number of outputs 3, color of coding/ contact carrier signal brown |
| 96.031.5051.4 | device connector RST20I3S B1 M01 L BR0 | RST20i3 Device connector, standard, straight, M25, number of poles 3, model female, connection type screw connection, rated voltage 50 V / 120 V, rated current 20 A, color of coding/ contact carrier signal brown |
| 96.031.6151.4 | device connector RST20I3S B1 M03 L BR0 | RST20i3 Device connector, modular, straight, M16, number of poles 3, model female, connection type screw connection, rated voltage 50 V / 120 V, rated current 20 A, color of coding/ contact carrier signal brown |
| 96.031.6051.4 | device connector RST20I3S B1 M00 L BR0 | RST20i3 Device connector, modular, straight, M20, number of poles 3, model female, connection type screw connection, rated voltage 50 V / 120 V, rated current 20 A, color of coding/ contact carrier signal brown |
| 96.033.6051.4 | device connector RST20I3S B1 M90 L BR0 | RST20i3 Device connector, modular, angled 90°, M20, number of poles 3, model female, connection type screw connection, rated voltage 50 V / 120 V, rated current 20 A, color of coding/ contact carrier signal brown |
| 96.035.6151.4 | device connector RST20I3S B1 M13 L BR01 | RST20i3 device connector (7° angled) M16, 3 pole, female, screw connection, modular, application ~50V/-120V with PE, 20A, coding color signal brown, color of housing black |
| 96.031.4251.4 | connector RST20I3S B1 ZRXS L BR01 | RST20i3 Connector, splitter connector, number of poles 3, female, connection type screw connection, rated voltage 50 V / 120 V, rated current 20 A, cable diameter 6 - 10 mm, color of coding/ contact carrier signal brown |