product data sheet

item no. 96.032.4453.0

# connector RST20I3 S S1 ZRW V GL

RST® CLASSIC connector, straight, number of poles 3, male, connection type screw connection, rated voltage 250 V, rated current 20 A, cable diameter 5.3 - 13.3 mm, illumination cable (13.3x5.5), color of coding/ contact carrier light grey



| | |
|---|---|
| item no. | 96.032.4453.0 |
| EAN | 4015573773059 |
| 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 |
| rated impulse voltage | 4 kV |
| strain relief | yes |
| pollution degree | 3 |
| lockable | self-locking (unlocking by tool) |
| color of coding/ contact carrier | light grey |
| Pole codification | L, N, PE |
| color of housing inclusive strain relief | light grey |
| RAL-Nummer Codierung/Kontakteinsatz | 7035 |

**connection data**

| | |
|---|---|
| cable diameter max. | 13.3 mm |
| cable diameter min. | 5.3 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 |
| special cable geometry | illumination cable (13.3x5.3) |
| 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 | 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 | 0.269 kWh/St |
| insulation components continous temperature | 100 °C |
| surface finish | silver-plated |

**dimensions**

| | |
|---|---|
| length | 79.1 mm |
| width | 34.6 mm |
| height | 34.6 mm |

## accessories

| item no. | type | description |
|---|---|---|
| 05.564.4453.0 | cover for male connector GL | RST20i3/2 cover piece, for covering unused male connectors, color light grey |
| 99.415.6205.2 | cover for male connector GL | RST20i3/2 cover piece, for covering unused male connectors, with fastening belt, color light grey |

## assembly

| item no. | type | description |
|---|---|---|
| 96.030.0153.0 | distributor RST20I3V 3P1 F V GL | RST® CLASSIC distribution block 1I / 3O, rated voltage 250 V, rated current 20 A, number of poles 3, degree of protection (ip) IP66/68 (3m 2h) /IP69, number of inputs 1, number of outputs 3, pole codification L, N, PE, color of coding/ contact carrier light grey, ral number coding/ contact in |
| 96.031.5053.0 | device connector RST20I3S B1 M01 GL | 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 light grey |
| 96.233.1030.0 | cable assembly RST20I3K1BS 25 10GL | RST® CLASSIC connecting cable, female - male, number of poles 3, rated voltage 250 V, rated current 20 A, cable type H07RN-F, fire class Eca, total length 1 m, nominal cross section conductor 2.5 mm², color of coding/ contact carrier light grey |
| 96.031.6153.0 | device connector RST20I3S B1 M03 GL | RST® CLASSIC device connector, modular, straight, M16, number of poles 3, model female, connection type screw connection, rated voltage 250 V, rated current 20 A, color of coding/ contact carrier light grey |
| 96.031.6053.0 | device connector RST20I3S B1 M00 GL | RST® CLASSIC device connector, modular, straight, M20, number of poles 3, model female, connection type screw connection, rated voltage 250 V, rated current 20 A, color of coding/ contact carrier light grey |
| 96.033.6053.0 | device connector RST20I3S B1 M90 GL | RST® CLASSIC device connector, modular, angled 90°, M20, number of poles 3, model female, connection type screw connection, rated voltage 250 V, rated current 20 A, color of coding/ contact carrier light grey |
| 96.035.6153.0 | device connector RST20I3S B1 M13 GL | RST® CLASSIC device connector, modular, angled 7°, M16, number of poles 3, model female, connection type screw connection, rated voltage 250 V, rated current 20 A, color of coding/ contact carrier light grey |