

## Data sheet

Art.No.: 96.051.4153.1

Connector RST20I5S B1 ZR2 SW

RST 20I5 connector, 5 pole, female, screw connection, application 250/400V with PE, 20A, for cable diameters 10-14mm, coding color black, color of housing black



|            |               |
|------------|---------------|
| Art.No.    | 96.051.4153.1 |
| EAN        | 4015573861848 |
| Order Unit | 1             |

Certificates / Approvals



## Technical data

### 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         | black                            |
| Marking of poles                         | 1, 2, 3, N, PE                   |
| Color of housing inclusive strain relief | black                            |

### Connection Data

|                                                             |                      |
|-------------------------------------------------------------|----------------------|
| Cable diameter max.                                         | 14 mm                |
| Cable diameter min.                                         | 10 mm                |
| Connection cross section solid mm <sup>2</sup> max.         | 4 mm <sup>2</sup>    |
| Connection cross section solid mm <sup>2</sup> min.         | 0.75 mm <sup>2</sup> |
| Connection cross section fine stranded mm <sup>2</sup> max. | 4 mm <sup>2</sup>    |
| Connection cross section fine stranded mm <sup>2</sup> min. | 0.75 mm <sup>2</sup> |
| Terminations per pole                                       | 1                    |
| Connection cross section stranded mm <sup>2</sup> min.      | 0.75 mm <sup>2</sup> |
| Connection cross section stranded mm <sup>2</sup> max.      | 4 mm <sup>2</sup>    |
| 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                                    | 0.289 kWh     |
| Insulation components continuous temperature | 100 °C        |
| Surface finish                               | Silver-plated |

#### Dimensions

|        |         |
|--------|---------|
| Length | 80.4 mm |
| Width  | 34.6 mm |
| Height | 34.6 mm |

#### Classification

|            |          |
|------------|----------|
| ECLASS 8.1 | 27440605 |
| ETIM 7.0   | EC002560 |
| ETIM 6.0   | EC002560 |
| ETIM 5.0   | EC002560 |
| ETIM 4.0   | EC002560 |

#### Note

|      |                                                                                                                                               |
|------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| Note | RST® terminals with screw clamping allow the connection of conductors without special preparation (without ferrules) according to EN 60999-1. |
|------|-----------------------------------------------------------------------------------------------------------------------------------------------|