

## product data sheet

item no. 96.022.0951.4

### connector RST20i2F S23ZASSVL BR01

RST20i2 Connector, straight, for AS-i profile cable, number of poles 2, male, connection type spring clamp connection, rated voltage 50 V / 120 V, rated current 20 A, AS-i profile cable, color of coding/ contact carrier signal brown



|            |               |
|------------|---------------|
| item no.   | 96.022.0951.4 |
| EAN        | 4049644011597 |
| order unit | 100 piece(s)  |

### certificates / approvals



### technical data

#### note

|      |                                                                |
|------|----------------------------------------------------------------|
| note | fine stranded and stranded conductors require cable end sleeve |
|------|----------------------------------------------------------------|

#### 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                             |
| color of housing inclusive strain relief | black                            |

#### connection data

|                                                             |                      |
|-------------------------------------------------------------|----------------------|
| connection cross section solid mm <sup>2</sup> max.         | 2.5 mm <sup>2</sup>  |
| connection cross section solid mm <sup>2</sup> min.         | 0.5 mm <sup>2</sup>  |
| connection cross section fine stranded mm <sup>2</sup> max. | 1.5 mm <sup>2</sup>  |
| connection cross section fine stranded mm <sup>2</sup> min. | 0.5 mm <sup>2</sup>  |
| terminations per pole                                       | 2                    |
| special cable geometry                                      | AS-i profile cable   |
| connection cross section stranded mm <sup>2</sup> min.      | 0.75 mm <sup>2</sup> |
| connection cross section stranded mm <sup>2</sup> max.      | 1.5 mm <sup>2</sup>  |
| sheath strip length                                         | 35 mm                |
| wire strip length                                           | 14.5 mm              |

#### model

|                           |                         |
|---------------------------|-------------------------|
| model                     | male                    |
| connection type           | spring clamp connection |
| degree of protection (IP) | IP66/68 (3m;2h) /IP69   |

**material**

|                                              |               |
|----------------------------------------------|---------------|
| housing material                             | polyamide     |
| halogen free                                 | yes           |
| contact material                             | CuZn          |
| fire load                                    | 0.272 kWh     |
| insulation components continuous 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                                                                                                        |
|---------------|-------------------------------------|--------------------------------------------------------------------------------------------------------------------|
| 05.564.4453.1 | 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                       |
| 06.502.4300.0 | screwdriver DIN 5264 A 0,4 X 2,5    | Screw driver according to DIN 5264 A, blade: 0.4x2.5 mm, long and straight version                                 |
| 95.101.1300.0 | ferrule crimping tool 0,08 - 10 mm² | Crimping tool for ferrules, wire strip length: 7-28 mm, nominal cross section: 0.08-10 mm², length of tool: 180 mm |
| 06.600.3627.0 | ferrule DIN 46228-E1-12             | RST ferrule, for spring clamp contact, with insulating sleeve, for cross section 1.0 mm²/AWG17                     |
| 06.600.3727.0 | ferrule DIN 46228-E0,75-12          | RST ferrule, for spring clamp contact, with insulating sleeve, for cross section 0.75-1.0 mm²/AWG17                |
| 06.600.3827.0 | ferrule DIN 46228-E0,5-10           | RST ferrule, for spring clamp contact, with insulating sleeve, for cross section 0.5 mm²/AWG20                     |
| 06.600.3927.0 | ferrule DIN 46228-E1,5-12           | RST ferrule, for spring clamp contact, with insulating sleeve, for cross section 1.5 mm²/AWG16                     |

**assembly**

| item no.      | type                               | description                                                                                                                                                                                                                                |
|---------------|------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 96.020.0151.4 | distributor RST20i2V 3P1 F V L BR0 | RST20i2 Distributor, parallel connection, with fastening option, number of poles 2, 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                 |
| 96.021.0951.4 | connector RST20i2F B23ZASS L BR01  | RST20i2 Connector, straight, for AS-i profile cable, number of poles 2, female, connection type spring clamp connection, rated voltage 50 V / 120 V, rated current 20 A, AS-i profile cable, color of coding/ contact carrier signal brown |