product data sheet

item no. 96.064.4053.6

## connector RST20I6S S1 YR1 TB04

RST® CLASSIC connector, angled 90°, number of poles 6, male, connection type screw connection, rated voltage 250 V / 400 V, rated current 20 A, cable diameter 6 - 10 mm, color of coding/ contact carrier turquoise blue



| | |
|---|---|
| item no. | 96.064.4053.6 |
| EAN | 4049088423772 |
| order unit | 100 piece(s) |

### certificates / approvals

### technical data

**note**

| | |
|---|---|
| note | wires with 2.5 mm² only without ferrules3 poles max. 20A, 3 poles max. 5A |

**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 | turquoise blue |
| marking of poles | L, N, PE, 1, 2, Ls |
| color of housing inclusive strain relief | black |
| RAL-Nummer Codierung/Kontakteinsatz | 5018 |

**connection data**

| | |
|---|---|
| cable diameter max. | 10 mm |
| cable diameter min. | 6 mm |
| connection cross section solid mm² max. | 1.5 mm² |
| connection cross section solid mm² min. | 0.2 mm² |
| connection cross section fine stranded mm² max. | 2.5 mm² |
| connection cross section fine stranded mm² min. | 0.2 mm² |
| terminations per pole | 1 |
| sheath strip length | 25 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 | 0.35 kWh/St |
| insulation components continous temperature | 100 °C |
| surface finish | silver-plated |

**dimensions**

| | |
|---|---|
| length | 71 mm |
| width | 34.6 mm |
| height | 63.8 mm |

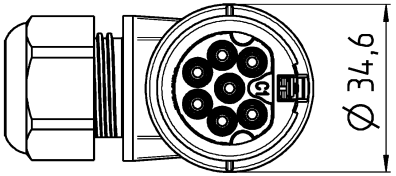
## accessories

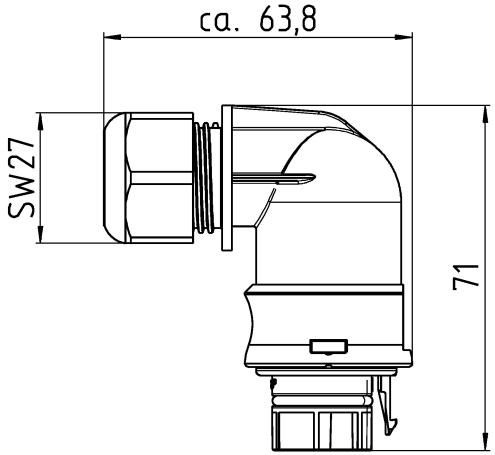
| item no. | type | description |
|---|---|---|
| 99.591.0000.7 | cover for male connector SW | RST20i7/6 cover piece, for covering unused male connectors, with fastening belt, color black |
| Z5.569.5353.1 | cover for male connector SW | RST20i7/6 cover piece, for covering unused male connectors, color black |

## assembly

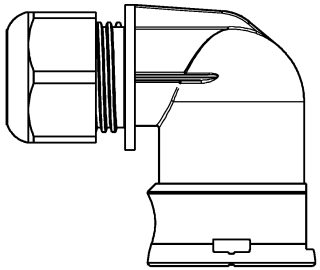
| item no. | type | description |
|---|---|---|
| 96.061.4053.6 | connector RST20I6S B1 ZR1 TB04 | RST® CLASSIC connector, straight, number of poles 6, female, connection type screw connection, rated voltage 250 V / 400 V, rated current 16 A, cable diameter 6 - 10 mm, color of coding/ contact carrier turquoise blue |
| 9L.061.4053.6 | connector RST20I6S 11 ZR1 TB04 | RST® CLASSIC connector, straight, number of poles 6, female, connection type screw connection, rated voltage 250 V / 400 V, rated current 16 A, cable diameter 6 - 10 mm, longitudinal sealing yes, color of coding/ contact carrier turquoise blue |
| 96.061.6053.6 | device connector RST20I6S B1 M00V TB04 | RST® CLASSIC device connector, modular, straight, M20, number of poles 6, model female, connection type screw connection, rated voltage 250 V / 400 V, rated current 20 A, color of coding/ contact carrier turquoise blue |
| 9L.061.6053.6 | device connector RST20I6S 11 M00V TB04 | RST® CLASSIC device connector, modular, straight, M20, number of poles 6, model female, connection type screw connection, rated voltage 250 V / 400 V, rated current 20 A, longitudinal sealing yes, color of coding/ contact carrier turquoise blue |
| 96.061.6153.6 | device connector RST20I6S B1 M03V TB04 | RST® CLASSIC device connector, modular, straight, M16, number of poles 6, model female, connection type screw connection, rated voltage 250 V / 400 V, rated current 20 A, color of coding/ contact carrier turquoise blue |
| 9L.061.6153.6 | device connector RST20I6S 11 M03V TB04 | RST® CLASSIC device connector, modular, straight, M16, number of poles 6, model female, connection type screw connection, rated voltage 250 V / 400 V, rated current 20 A, longitudinal sealing yes, color of coding/ contact carrier turquoise blue |
| 96.063.6053.6 | device connector RST20I6S B1 M90V TB04 | RST® CLASSIC device connector, modular, angled 90°, M20, number of poles 6, model female, connection type screw connection, rated voltage 250 V / 400 V, rated current 20 A, color of coding/ contact carrier turquoise blue |
| 96.063.6253.6 | device connector RST20I6S B1 M90V TB04 | RST® CLASSIC device connector, modular, angled 90°, M25, number of poles 6, model female, connection type screw connection, rated voltage 250 V / 400 V, rated current 20 A, color of coding/ contact carrier turquoise blue |
| 96.065.6153.6 | device connector RST20I6S B1 M13V TB04 | RST® CLASSIC device connector, modular, angled 7°, M16, number of poles 6, model female, connection type screw connection, rated voltage 250 V / 400 V, rated current 20 A, color of coding/ contact carrier turquoise blue |
| 96.061.6253.6 | device connector RST20I6S B1 M01V TB04 | RST® CLASSIC device connector, modular, straight, M25, number of poles 6, model female, connection type screw connection, rated voltage 250 V / 400 V, rated current 20 A, color of coding/ contact carrier turquoise blue |
| 9L.061.6253.6 | device connector RST20I6S 11 M01V TB04 | RST® CLASSIC device connector, modular, straight, M25, number of poles 6, model female, connection type screw connection, rated voltage 250 V / 400 V, rated current 20 A, longitudinal sealing yes, color of coding/ contact carrier turquoise blue |

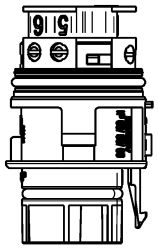
technical drawing

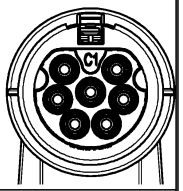
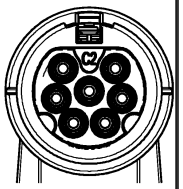
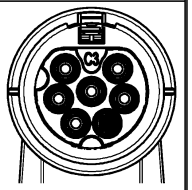
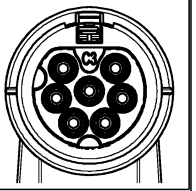


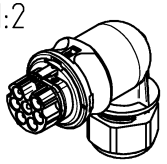

Auslieferungszustand
/delivery status





| Teile-Nr./ Part no. | Typ/ Type | Kodierung/ coding |
|---|---|---|
| 96.074.4053.0 | RST2017S S1 YR1 GL |  |
| 96.074.4053.1 | RST2017S S1 YR1 SW | |
| 96.074.4053.9 | RST2017S S1 YR1 BL07 |  |
| 96.064.4053.6 | RST2016S S1 YR1 TB04 |  |
| 96.074.4053.6 | RST2017S S1 YR1 TB04 |  |

1:2



● = Pol verschlossen /pole closed

These dimensions will be especially checked at delivery
Only inspection dimensions
With /E marked dimensions are only valid for internal use

Diese Maße werden bei Abnahme besonders geprüft
Ausschließlich Prüfmaße
Mit /E gekennzeichnete Maße sind nur für interne Zwecke gültig

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Tolerierung Size ISO 14405 Ⓔ / Tolerance system Size ISO 14405 Ⓔ.
(This ISO-standard describes the envelope principle. According to the envelope principle the deviations of form and parallelism are limited by the size tolerances).

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Freitoleranz nach General tolerance

CAD - Zeichnung, keine manuellen Änderungen
CAD - drawing, no manual modifications allowed

1. Verwendung: First Use:

Blatt: 1 von 1
Sheet: 1 of 1

Werkstoff / Material

Maßstab / Scale: 1:1

Vol. mm³ Oft./Srf. mm²

| | Tag/Date | Name |
|---|---|---|
| gezeichnet drawn | 16.11.2017 | Hollet |
| geprüft checked | | |
| Normgeor. Stand. check | | |

Zeichnung Nr. / Drawing No.: 96.074.4053.0 13K

Index: a

Maße in mm / Dimensions are in mm

Ersatz für / Replacement for:

| Index | Datum / Blatt Date / Sheet | Änderung / Revision |
|---|---|---|
| a | 14.05.2018 / | |

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Type: RST20I

Bennenung/Title:

# ST_SCHRAUBE

ohne Drahtschutz

male, screw connection without wire protection