product data sheet

item no. 96.173.2253.9

# device connector RST20I7C B1 M91V BL07

RST® CLASSIC device connector, modular, angled 90°, M25, number of poles 7, model female, connection type crimp, rated voltage 250 V / 400 V, rated current 20 A, color of coding/ contact carrier light blue



| | |
|---|---|
| item no. | 96.173.2253.9 |
| EAN | 4049088425103 |
| order unit | 100 piece(s) |

## certificates / approvals

## technical data

**note**

| | |
|---|---|
| note | crimp contacts have to ordered separately (under fits with)positioning realised with flattened thread3 poles max. 20A, 4 poles max. 5A |

**general**

| | |
|---|---|
| rated current | 20 A |
| rated voltage | 250 V / 400 V |
| pollution degree | 3 |
| rated impulse voltage | 4 kV |
| continuity resistor | 0.65 mOhm |
| lockable | self-locking (unlocking by tool) |
| color of coding/ contact carrier | light blue |
| marking of poles | 1, 2, 3, 4/N, 5, 6, 7 |
| color of separate adapter (if present) | black |

**connection data**

| | |
|---|---|
| connection cross section fine stranded mm² max. | 2.5 mm² |
| connection cross section fine stranded mm² min. | 0.75 mm² |
| terminations per pole | 1 |
| wire strip length | 7 mm |

**model**

| | |
|---|---|
| model | female |
| connection type | crimp |
| connecting thread metric | M25 |
| angle of plug | square |
| inclination | 90 ° |
| degree of protection (IP) | IP66/68 (3m;2h) /IP69 |
| thickness of housings (electrical device) | 0.5 mm |
| thickness of housings (electrical device) | 8 mm |

**material**

| | |
|---|---|
| housing material | polyamide |
| halogen free | yes |
| contact material | CuZn |
| fire load | 0.275 kWh/St |
| insulation components continous temperature | 100 °C |
| surface finish | silver-plated |

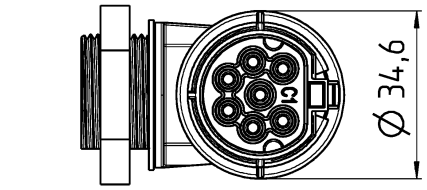
**dimensions**

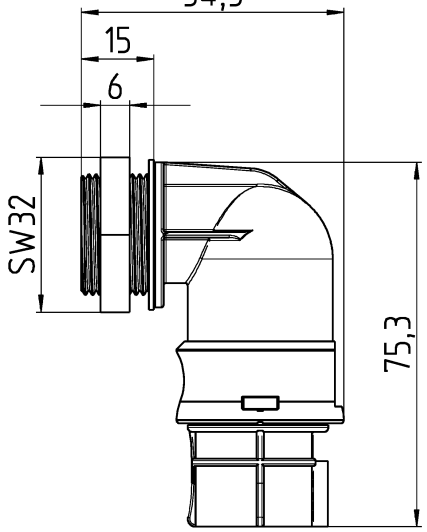
| | |
|---|---|
| length | 75.3 mm |
| width | 34.6 mm |
| height | 54.3 mm |

## accessories

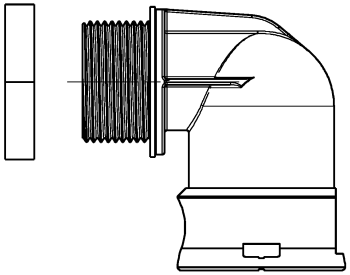
| item no. | type | description |
|---|---|---|
| 06.562.8753.0 | manual disconnect RST20i7 BG | Manual disconnect for later installation of RST20i7/i6 connectors, color concrete gray |
| 02.127.1121.8 | female contact CRIMP RST20i6/i7 1,0QMM | RST20i7/6 crimp contact, female, 20A, for cross section 0.75 mm² - 1.0 mm² |
| 02.127.1221.8 | female contact CRIMP RST20i6/i7 1,5QMM | RST20i7/6 crimp contact, female, 20A, for cross section 0.75 mm² - 1.5 mm² |
| 02.127.1321.8 | female contact CRIMP RST20i6/i7 2,5QMM | RST20i7/6 crimp contact, female, 20A, for cross section 2.5 mm² |
| 99.589.0000.7 | cover for female connector SW | RST20i7/6 cover piece, for covering unused female connectors, with fastening belt, color black |
| Z5.569.5253.1 | cover for female connector SW | RST20i7/6 cover piece, for covering unused female connectors, color black |

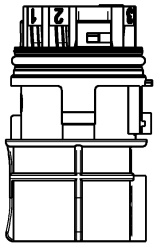
technical drawing

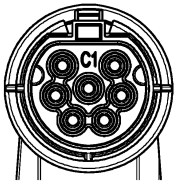
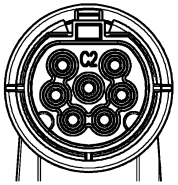
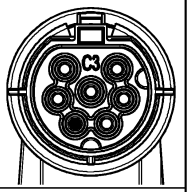
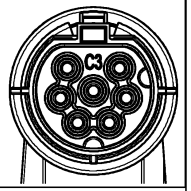


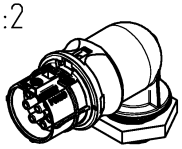

Auslieferungszustand
/delivery status





| Teile-Nr./ Part no. | Typ/ Type | Kodierung/ coding |
|---|---|---|
| 96.173.2253.0 | RST2017C B1 M91V GL |  |
| 96.173.2253.1 | RST2017C B1 M91V SW | |
| 96.173.2253.9 | RST2017C B1 M91V BL07 |  |
| 96.163.2253.6 | RST2016C B1 M91V TB04 |  |
| 96.173.2253.6 | RST2017C B1 M91V TB04 |  |

1:2



● = Pol verschlossen /pole closed

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

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

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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).

ja/yes ☒ Stoffverbots- und Deklarationsliste nach WN 5020.010 ist einzuhalten. Conformity with Wieland document WN 5020.010 e (list of prohibited / declarable hazardous substances) to be declared!

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

Ersatz für / Replacement for:

| | Tag/Date | Name |
|---|---|---|
| gezeichnet drawn | 17.11.2017 | Hollet |
| geprüft checked | | |
| Normgeor. Stand. check | | |

Zeichnung Nr. / Drawing No.: 96.173.2253.0 13K

Index: a

Maße in mm / Dimensions are in mm

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

Änderung / Revision

wieland
www.wieland-electric.com

Type: RST20

Bennenung/Title: BU_CRIMP
female, crimp