product data sheet

item no. 9L.072.6153.6

# device connector RST20I7S 21 M03V TB04

RST20i7 Device connector, modular, straight, M16, number of poles 7, model male, connection type screw connection, rated voltage 250 V / 400 V, rated current 20 A, longitudinal sealing yes, color of coding/ contact carrier turquoise blue



| | |
|---|---|
| item no. | 9L.072.6153.6 |
| EAN | 4049088488375 |
| order unit | 100 piece(s) |

## certificates / approvals

## technical data

**note**

| | |
|---|---|
| note | 3 poles max. 20A, 4 poles max. 5Awires with 2.5 mm² only without ferrulespositioning realised with flattened threadUse only one connector with contact sealing - either male or female connector. |

**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 | turquoise blue |
| marking of poles | L, N, PE, 1, 2, 3, 4 |
| color of separate adapter (if present) | black |

**connection data**

| | |
|---|---|
| connection cross section solid mm² max. | 2.5 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 |
| wire strip length | 8 mm |

**model**

| | |
|---|---|
| model | male |
| connection type | screw connection |
| connecting thread metric | M16 |
| angle of plug | straight |
| degree of protection (IP) | IP66/68 (3m;2h) /IP69 |
| longitudinal sealed | yes |
| thickness of housings (electrical device) 2 | 0.5 mm |

| | |
|---|---|
| thickness of housings (electrical device) | 8 mm |

**material**

| | |
|---|---|
| housing material | polyamide |
| halogen free | yes |
| contact material | CuZn |
| fire load | 0.225 kWh |
| insulation components continous temperature | 100 °C |
| surface finish | silver-plated |

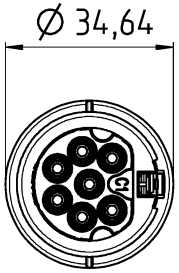
**dimensions**

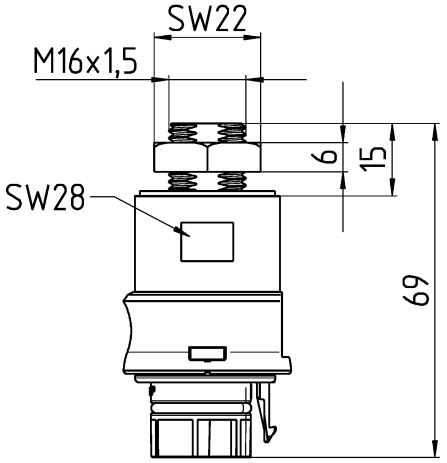
| | |
|---|---|
| length | 69 mm |
| width | 34.6 mm |
| height | 34.6 mm |

## accessories

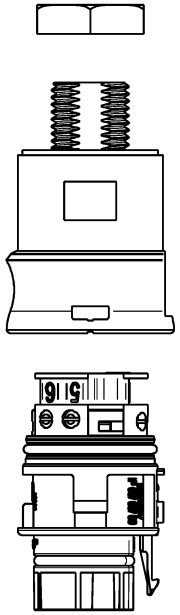
| item no. | type | description |
|---|---|---|
| 99.591.0000.7 | cover for male connector SW | RST20i7/6 cover piece, for covering unused male connectors, with fastening belt, color black |
| Z5.569.5353.1 | cover for male connector SW | RST20i7/6 cover piece, for covering unused male connectors, color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

technical drawing



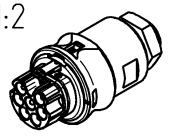




Auslieferungszustand
/delivery status



| Teile-Nr./ Part no. | Typ/ Type | Kodierung/ coding |
|---|---|---|
| 96.072.6153.0 | RST20I7S S1 M03V GL |  |
| 96.072.6153.1 | RST20I7S S1 M03V SW | |
| 9L.072.6153.0 | RST20I7S 21 M03V GL | |
| 9L.072.6153.1 | RST20I7S 21 M03V SW | |
| 96.072.6153.9 | RST20I7S S1 M03V BL07 |  |
| 9L.072.6153.9 | RST20I7S 21 M03V BL07 | |
| 96.062.6153.6 | RST20I6S S1 M03V TB04 |  |
| 9L.062.6153.6 | RST20I6S 21 M03V TB04 | |
| 96.072.6153.6 | RST20I7S S1 M03V TB04 |  |
| 9L.072.6153.6 | RST20I7S 21 M03V TB04 | |

1:2



● = Pol verschlossen /pole closed

Diese Maße werden bei Abnahme besonders geprüft / Ausschließlich Prüfmaße

Mit (E gekennzeichnete Maße sind nur für interne Zwecke gültig

These dimensions will be especially checked at delivery / Only inspection dimensions

With (E marked dimensions are only valid for internal use

Weitergabe sowie Vervielfältigung dieses Dokuments, Verwertung und Mitteilung seines Inhalts sind verboten, soweit nicht ausdrücklich gestattet.
The reproduction, distribution and utilization of this document as well as the communication of its contents to others without express authorization is prohibited.

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

| | | | | Tag/Date | Name |
|---|---|---|---|---|---|
| / | | Werkstoff / Material | gezeichnet / drawn | 16.11.2017 | Hollet |
| / | | | geprüft / checked | | |
| / | Maßstab / Scale 1:1 | | Normgeor. Stand. check | | |
| / | Vol. mm³ | Oft./Srf. mm² | | | |
| / | | | | | |
| a 14.05.2018 / | | | | | |
| Index Datum / Blatt Date / Sheet | | | | | |
| Änderung / Revision | | | | | |

Zeichnung Nr. / Drawing No. 96.072.6153.0 13K — Index a

Maße in mm / Dimensions are in mm

Ersatz für / Replacement for:

wieland
www.wieland-electric.com

Type RST20

Bennenung/Title
ST_SCHRAUB
ST_SCHRAUB
male, screw connection without wire protection