

Data sheet

Commercial Art.No.: 96.062.4053.6

Connector RST20I6S S1 ZR1 TB04

RST20i7/6 connector, 6 pole, male, screw connection, application 250/400V with PE, 20A, for cable diameters 6-10mm, coding color turquoise blue, color of housing black



| | |
|--------------------|---------------|
| Commercial Art.No. | 96.062.4053.6 |
| EAN | 4049088423581 |
| Order Unit | 1 |

Certificates / Approvals



Technical data

General

| | |
|--|----------------------------------|
| Rated current | 16 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 |

Connection Data

| | |
|---|---------------------|
| Cable diameter max. | 10 mm |
| Cable diameter min. | 6 mm |
| Connection cross section solid mm ² max. | 1.5 mm ² |
| Connection cross section solid mm ² min. | 0.2 mm ² |
| Connection cross section fine stranded mm ² max. | 1.5 mm ² |
| Connection cross section fine stranded mm ² min. | 0.2 mm ² |
| Terminations per pole | 1 |
| Connection cross section stranded AWG min. | 20 AWG |
| Connection cross section stranded AWG max. | 14 AWG |
| 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 | 0.317 kWh |
| Insulation components continuous temperature | 100 °C |
| Surface finish | Silver-plated |
| UL classification housing | UL-V2 |
| UL classification strain relief | UL-V2 |

Dimensions

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|--------|---------|
| Length | 80 mm |
| Width | 34.6 mm |
| Height | 34.6 mm |

Note

| | |
|------|---|
| Note | Wires with 2,5 mm ² only without ferrules; 3 poles max. 20A, 3 poles max. 5A |
|------|---|

Classification

| | |
|------------|----------|
| ECLASS 11 | |
| ECLASS 8.1 | 27440605 |
| ETIM 7.0 | EC002560 |
| ETIM 6.0 | EC002560 |
| ETIM 5.0 | EC002560 |
| ETIM 4.0 | EC002560 |

Product compliance

| | |
|------------------------------|--------------------|
| ROHS conformity status | Compliant/Exempted |
| ROHS exceptions | III-6(c) |
| REACH-SVHC conformity status | Duty-To-Declare |
| REACH-SVHC substances | Lead |
| REACH-SVHC CAS numbers | 7439-92-1 |

Fits with

| Commercial Art.No.: | Article-type description: | Description: |
|---------------------|--------------------------------|--|
| 96.061.4053.6 | Connector RST20I6S B1 ZR1 TB04 | RST20i7/6 connector, 6 pole, female, screw connection, application 250/400V with PE, 20A, for cable diameters 6-10mm, coding color turquoise blue, color of housing black |
| 9L.061.4053.6 | Connector RST20I6S 11 ZR1 TB04 | RST20i7/6 connector, with longitudinal sealing, 6 pole, female, screw connection, application 250/400V with PE, 20A, for cable diameters 6-10mm, coding color turquoise blue, color of housing black |
| 96.063.4053.6 | Connector RST20I6S B1 YR1 TB04 | RST20i7/6 connector (90° angled), 6 pole, female, screw connection, application 250/400V with PE, 20A, for cable diameters 6-10mm, coding color turquoise blue, color of housing black |

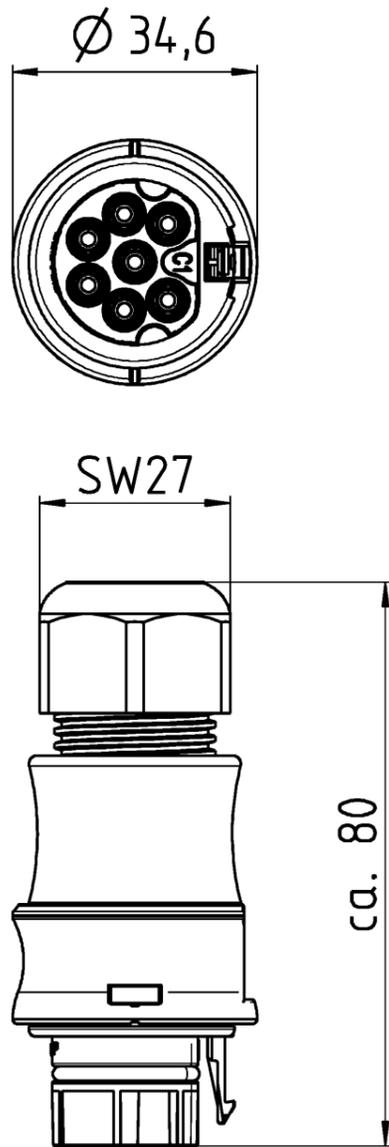
| | | |
|---------------|--|---|
| 9L.063.4053.6 | Connector RST20I6S 11 YR1 TB04 | RST20i7/6 connector (90° angled), with longitudinal sealing, 6 pole, female, screw connection, application 250/400V with PE, 20A, for cable diameters 6-10mm, coding color turquoise blue, color of housing black |
| 96.061.6053.6 | Device connector RST20I6S B1 M00V TB04 | RST20i7/6 device connector M20, 6 pole, female, screw connection, modular, application 250/400V with PE, 20A, coding color turquoise blue, color of housing black |
| 9L.061.6053.6 | Device connector RST20I6S 11 M00V TB04 | RST20i7/6 device connector M20, with longitudinal sealing, 6 pole, female, screw connection, modular, application 250/400V with PE, 20A, coding color turquoise blue, color of housing black |
| 96.061.6153.6 | Device connector RST20I6S B1 M03V TB04 | RST20i7/6 device connector M16, 6 pole, female, screw connection, modular, application 250/400V with PE, 20A, coding color turquoise blue, color of housing black |
| 9L.061.6153.6 | Device connector RST20I6S 11 M03V TB04 | RST20i7/6 device connector M16, with longitudinal sealing, 6 pole, female, screw connection, modular, application 250/400V with PE, 20A, coding color turquoise blue, color of housing black |
| 96.063.6053.6 | Device connector RST20I6S B1 M90V TB04 | RST20i7/6 device connector (90° angled) M20, 6 pole, female, screw connection, modular, application 250/400V with PE, 20A, coding color turquoise blue, color of housing black |
| 96.063.6253.6 | Device connector RST20I6S B1 M90V TB04 | RST20i7/6 device connector (90° angled) M25, 6 pole, female, screw connection, modular, application 250/400V with PE, 20A, coding color turquoise blue, color of housing black |
| 96.065.6153.6 | Device connector RST20I6S B1 M13V TB04 | RST20i7/6 device connector (7° angled) M16, 6 pole, female, screw connection, modular, application 250/400V with PE, 20A, coding color turquoise blue, color of housing black |
| 96.061.6253.6 | Device connector RST20I6S B1 M01V TB04 | RST20i7/6 device connector M25, 6 pole, female, screw connection, modular, application 250/400V with PE, 20A, coding color turquoise blue, color of housing black |
| 9L.061.6253.6 | Device connector RST20I6S 11 M01V TB04 | RST20i7/6 device connector M25, with longitudinal sealing, 6 pole, female, screw connection, modular, application 250/400V with PE, 20A, coding color turquoise blue, color of housing black |

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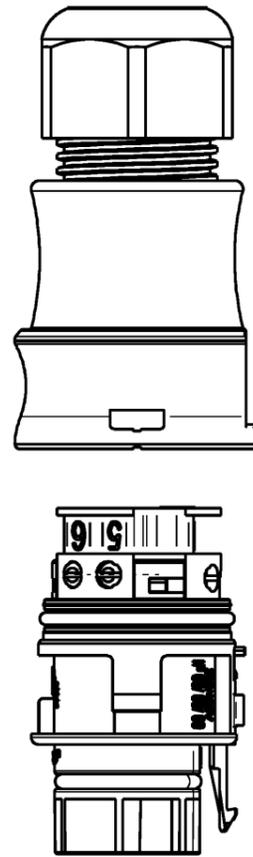
B
These dimensions will be especially checked at delivery
Only inspection dimensions
With /E marked dimensions are only valid for internal use

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

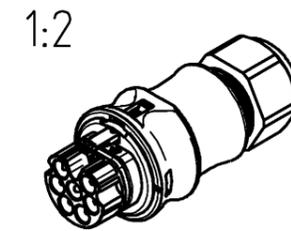
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Auslieferungszustand /delivery status



| Teile-Nr./ Part no. | Typ/ Type | Kodierung/ coding |
|---------------------|----------------------|-------------------|
| 96.072.4053.0 | RST20I7S S1 ZR1 GL | |
| 96.072.4053.1 | RST20I7S S1 ZR1 SW | |
| 96.072.4053.9 | RST20I7S S1 ZR1 BL07 | |
| 96.062.4053.6 | RST20I6S S1 ZR1 TB04 | |
| 96.072.4053.6 | RST20I7S S1 ZR1 TB04 | |



• = Pol verschlossen /pole closed

| | | | |
|--|--|---|------------------------------|
| 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: of 1 | | | |
| Werkstoff / Material | | Tag/Date | Name |
| Maßstab / Scale | | gezeichnet/drawn | 16.11.2017 Hollet |
| 1:1 | | geprüft/checked | |
| Vol. mm ³ Dfl./Srf. mm ² | | Normgepr. /Stand. check | |
| Ersatz für / Replacement for: | | Zeichnung Nr. / Drawing No. | |
| | | 96.072.4053.0 13K a | |
| Maße in mm / Dimensions are in mm | | | |
| Type | | Benennung/Title | |
| a 14.05.2018 / Index Datum / Blatt Date / Sheet | | RST20I ST_SCHRAUB | |
| Änderung / Revision | | ohne Drahtschutz male, screw connection without wire protection | |
| www.wieland-electric.com | | | |