# Data sheet

Art.No.: 96.051.4153.1

Connector RST20I5S B1 ZR2 SW

RST 20i5 connector, 5 pole, female, screw connection, application 250/400V with PE, 20A, for cable diameters 10-14mm, coding color black, color of housing black

| Art.No. | 96.051.4153.1 |
|---|---|
| EAN | 4015573861848 |
| Order Unit | 1 |

Certificates / Approvals

## Technical data

### 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 | black |
| Marking of poles | 1, 2, 3, N, PE |
| Color of housing inclusive strain relief | black |

### Connection Data

| | |
|---|---|
| Cable diameter max. | 14 mm |
| Cable diameter min. | 10 mm |
| Connection cross section solid mm² max. | 4 mm² |
| Connection cross section solid mm² min. | 0.75 mm² |
| Connection cross section fine stranded mm² max. | 4 mm² |
| Connection cross section fine stranded mm² min. | 0.75 mm² |
| Terminations per pole | 1 |
| Connection cross section stranded mm² min. | 0.75 mm² |
| Connection cross section stranded mm² max. | 4 mm² |
| sheath strip length | 26.5 mm |
| Wire strip length | 8 mm |

### Model

| | |
|---|---|
| Model | female |
| 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 | 0.289 kWh |
| Insulation components continous temperature | 100 °C |
| Surface finish | Silver-plated |

## Dimensions

| | |
|---|---|
| Length | 80.4 mm |
| Width | 34.6 mm |
| Height | 34.6 mm |

## Classification

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

## Note

| | |
|---|---|
| Note | RST® terminals with screw clamping allow the connection of conductors without special preparation (without ferrules) according to EN 60999-1. |

## Fits with
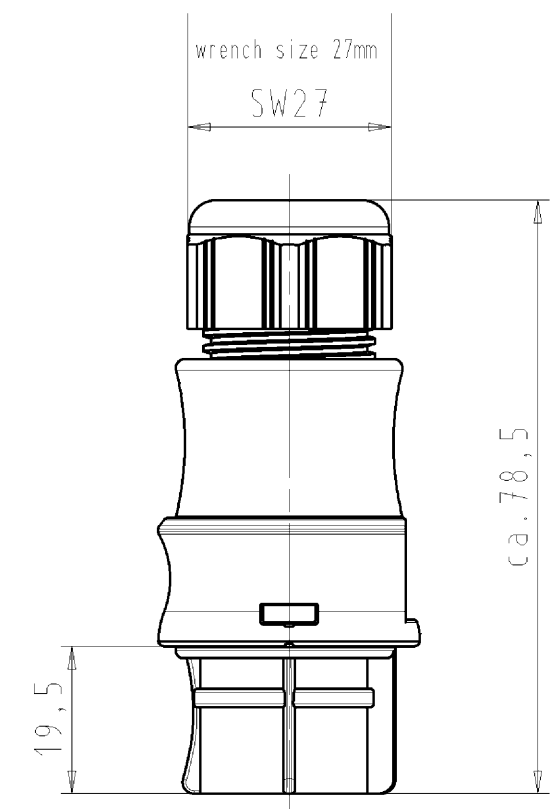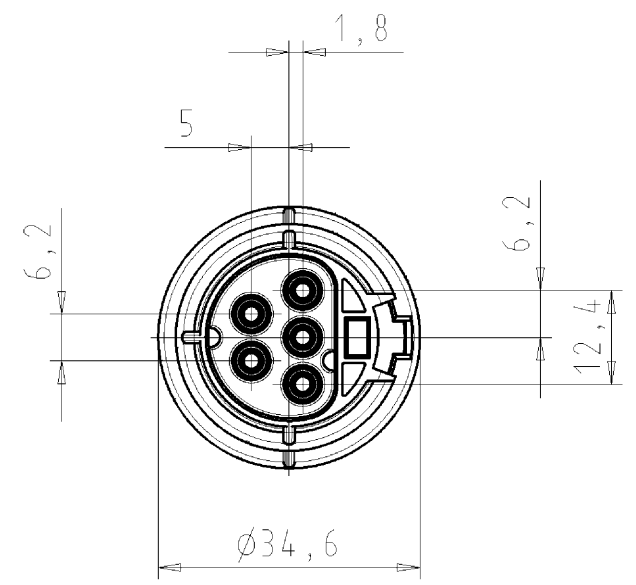
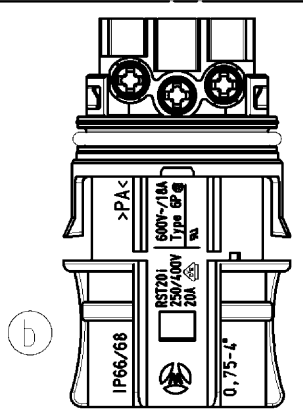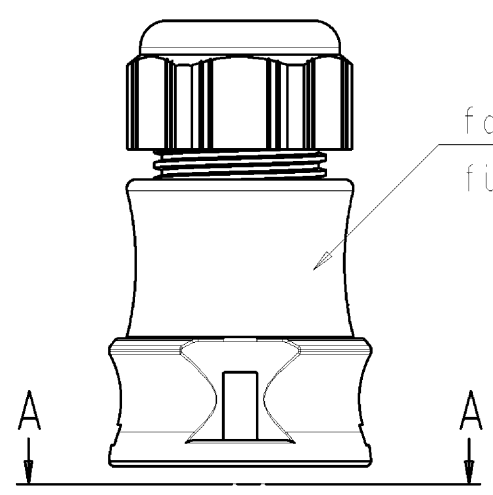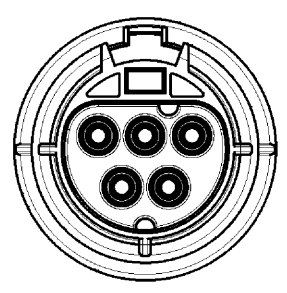| Art.No.: | Article/type description: | Description: |
|---|---|---|
| 96.050.0153.1 | Distributor RST20I5B 3P1 F VG SW | RST20i5 compact distribution unit, 5 pole, application 250/400V with PE, 20A, 1 input and 3 outputs, with fastening option, coding color black, color of housing black |
| 96.052.4153.1 | Connector RST20I5S S1 ZR2 V SW | RST 20i5 connector, 5 pole, male, screw connection, application 250/400V with PE, 20A, for cable diameters 10-14mm, coding color black, color of housing black |
| 96.054.4153.1 | Connector RST20I5S S1 YR2 V SW | RST 20i5 connector (90° angled), 5 pole, male, screw connection, application 250/400V with PE, 20A, for cable diameters 10-14mm, coding color black, color of housing black |
| 96.052.5053.1 | Device connector RST20I5S S1 M01V SW | RST20i5 device connector M25, 5 pole, male, screw connection, application 250/400V with PE, 20A, coding color black |
| 96.052.6153.1 | Device connector RST20I5S S1 M03V SW | RST20i5 device connector M16, 5 pole, male, screw connection, modular, application 250/400V with PE, 20A, coding color black, color of housing black |
| 96.052.6053.1 | Device connector RST20I5S S1 M00V SW | RST20i5 device connector M20, 5 pole, male, screw connection, modular, application 250/400V with PE, 20A, coding color black, color of housing black |
| 96.054.6053.1 | Device connector RST20I5S S1 M90V SW | RST20i5 device connector (90° angled) M20, 5 pole, male, screw connection, modular, application 250/400V with PE, 20A, coding color black, color of housing black |

| 96.054.6253.1 | Device connector RST20I5S S1 M91V SW | RST20i5 device connector (90° angled) M25, 5 pole, male, screw connection, modular, application 250/400V with PE, 20A, coding color black, color of housing black |
|---|---|---|
| 96.056.6153.1 | Device connector RST20I5S S1 M13V SW | RST20i5 device connector (7° angled) M16, 5 pole, male, screw connection, modular, application 250/400V with PE, 20A, coding color black, color of housing black |

# Auslieferungszustand
## delivery status

A-A

1,8

5

6,2

6,2

12,4

Ø34,6

wrench size 27mm
SW27

ca. 78,5

19,5

for cable diameter 10-14mm
für Kabeldurchm. 10-14mm

>PA<
RST20i5
250/400V
250V/16A
Type GF6
20A
IP66/68
0,75-4²

M1:1

Verpackungseinheit: je 100 Stück
packaging unit: per 100

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
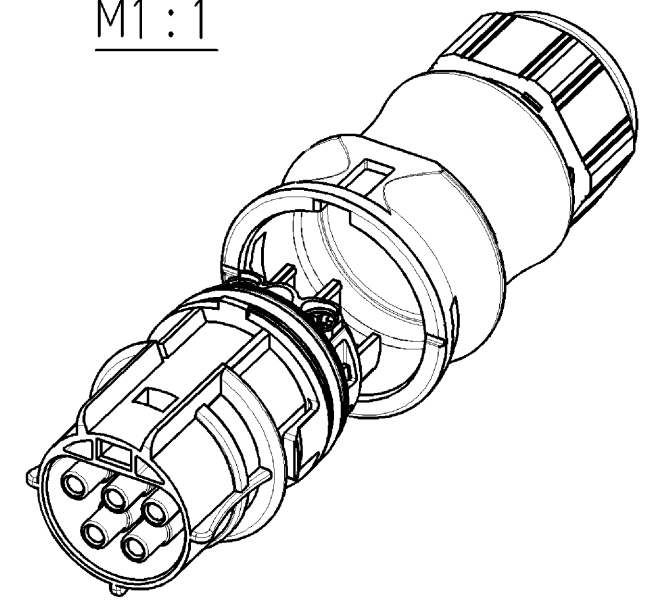Mit /E gekennzeichnete Maße sind nur für interne Zwecke gültig

| Teile-Nr./ part-nr. | Farbe:/ color: | Type |
|---|---|---|
| 96.051.4153.1 | schwarz, ähnl. RAL 9005/ black, similar to RAL 9005 | RST20i5S B1 ZR2 V SW |
| 96.051.4153.0 | lichtgrau, ähnl.RAL 7035/ lightgrey, similar to RAL 7035 | RST20i5S B1 ZR2 V GL |

Werkstoff/Material

2005  Tag/Date  Name
gezeichnet drawn  22.08.  Kneitz
geprüft checked  -  -
Normgepr. Stand. check  -  -

Maßstab/Scale
1:1

Vol.  mm³  Oft./Surf.  mm²  Ersatz für/Replacement for: -

1.Verwendung:
First Use:  -

Blatt: 1 von
Sheet: 1 af

Zeichnung Nr./Drawing No.
T  96.051.4153.0 01K  b

Index

Maße in mm/Dimensions are in mm

b  27.01.2011/
a  02.12.2005/
Index  Datum / Blatt Date / Sheet
Änderung/Revision

Type
siehe Tabelle

Benennung/Title
## BUCHSENTEIL_MIT_ZUGENTLASTUNG
female connector with cord grip
Schraubanschluß ohne Drahtschutz/screw-connection without wire protection
Standardkodierung0/standard-keying 0 (250V/400V/20A)

wieland
Elektrische Verbindungen