Data sheet

Art.No.: 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

Art.No.	96.052.4153.1
EAN	4015573862142
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	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	0.284 kWh
Insulation components continous temperature	100 °C
Surface finish	Silver-plated

Dimensions

Length	78.4 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
96.051.4153.1	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
96.053.4153.1	Connector RST20I5S B1 YR2 SW	RST 20i5 connector (90° angled), 5 pole, female, screw connection, application 250/400V with PE, 20A, for cable diameters 10-14mm, coding color black, color of housing black
96.051.5053.1	Device connector RST20I5S B1 M01 SW	RST20i5 device connector M25, 5 pole, female, screw connection, application 250/400V with PE, 20A, coding color black
96.051.6153.1	Device connector RST20I5S B1 M03 SW	RST20i5 device connector M16, 5 pole, female, screw connection, modular, application 250/400V with PE, 20A, coding color black, color of housing black
96.051.6053.1	Device connector RST20I5S B1 M00 SW	RST20i5 device connector M20, 5 pole, female, screw connection, modular, application 250/400V with PE, 20A, coding color black, color of housing black
96.053.6053.1	Device connector RST20I5S B1 M90 SW	RST20i5 device connector (90° angled) M20, 5 pole, female, screw connection, modular, application 250/400V with PE, 20A, coding color black, color of housing black

96.053.6253.1	Device connector RST20I5S B1 M91 SW	RST20i5 device connector (90° angled) M25, 5 pole, female, screw connection, modular, application 250/400V with PE, 20A, coding color black, color of housing black
96.055.6153.1	Device connector RST20I5S B1 M13 SW	RST20i5 device connector (7° angled) M16, 5 pole, female, screw connection, modular, application 250/400V with PE, 20A, coding color black, color of housing black

Auslieferungszustand

A-A

1,8
5
6,2
6,2
12,4

Ø34,6

27

ca. 76,4

17,4
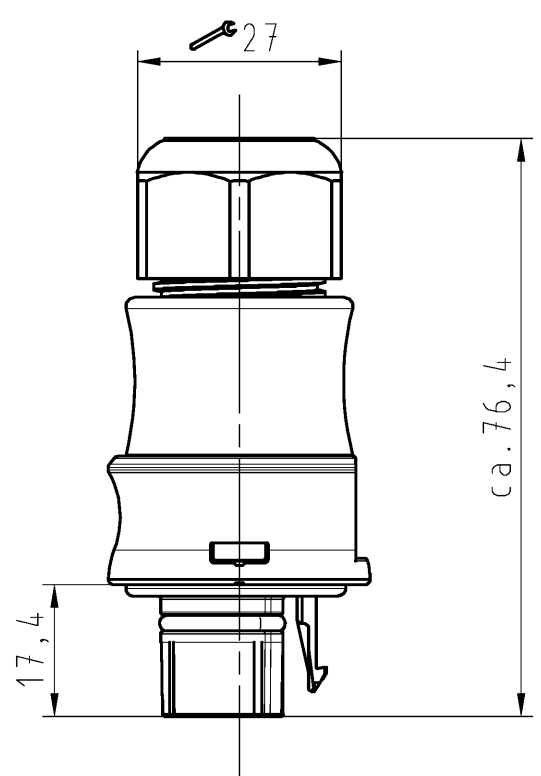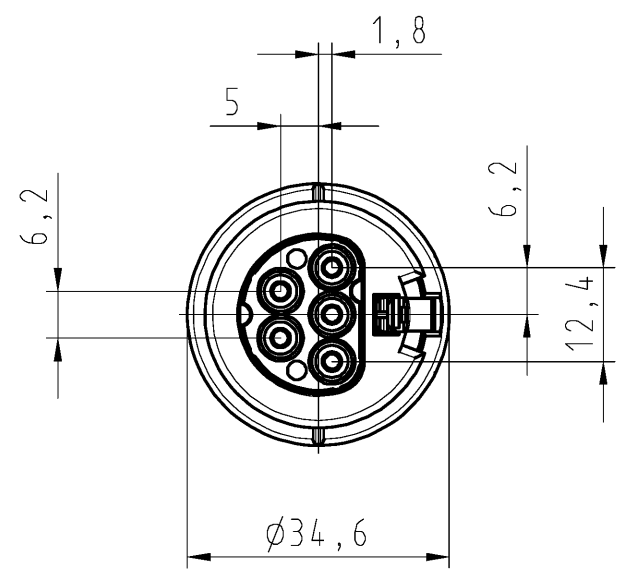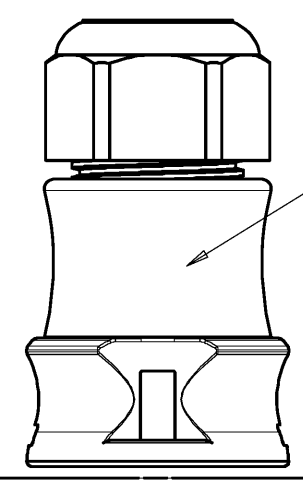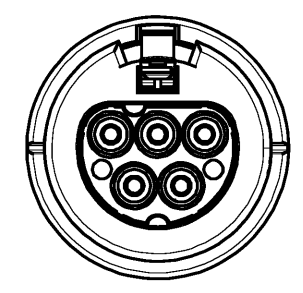
for cablediameter 10-14mm
für Kabeldurchm. 10-14mm

A   A

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1:1
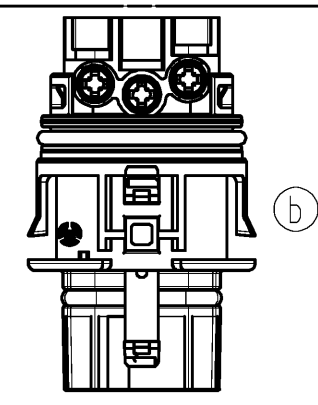
Verpackungseinheit: je 100 Stück
packaging unit: per 100
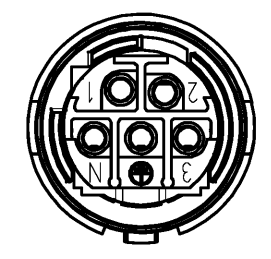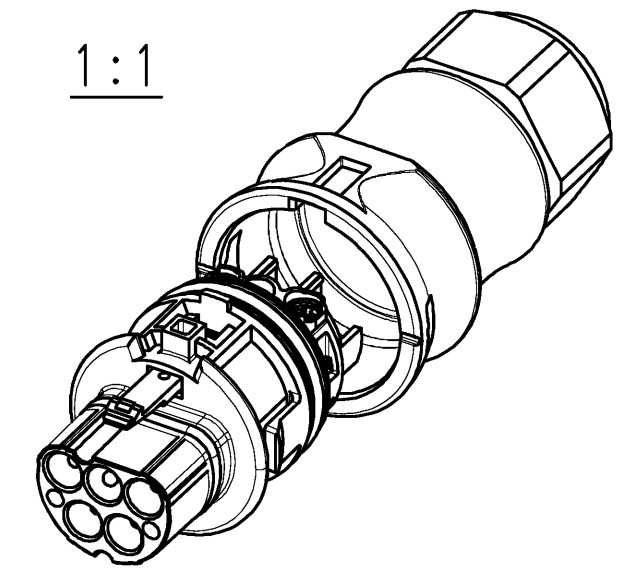
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Tolerierung Size ISO 14405Ⓔ/Tolerance system Size ISO 14405Ⓔ.
(This ISO-standard describes the envelope principle. According to the envelope principle the deviations of form and parallelism are limited by the size tolerances).

nein/no ☒ 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
Sheet: of   1

Teile-Nr./ part-nr.	Farbe:/ color:	Type				Werkstoff/Material	2005 Tag/Date	Name	Zeichnung Nr./Drawing No.	Index
			/	⊲◎			gezeichnet drawn 24.08.	Kneitz	T 96.052.4153.0 01K	b
			/ Maßstab/Scale 1:1				geprüft checked -	-		
96.052.4153.1	schwarz, ähnl. RAL 9005/ black, similar to RAL 9005	RST2015S S1 ZR2 V SW	/				Normgepr. Stand. check -	-	Maße in mm/Dimensions are in mm	
			/ Vol.	mm³	Ofl./Surf.	mm²	Ersatz für/Replacement for: -			
96.052.4153.0	lichtgrau, ähnl.RAL 7035/ lightgrey, similar to RAL 7035	RST2015S S1 ZR2 V GL	b 12.04.2016/ a 02.12.2005/ Index Datum / Blatt Date / Sheet Änderung/Revision		wieland www.wieland-electric.com		Type siehe Tabelle	Benennung/Title STECKERTEIL_MIT_ZUGENTLASTUNG male connector with cord grip Schraubanschluß ohne Drahtschutz/screw-connection without wire protection Standardkodierung 0/standard-keying 0 (250V/400V/20A)			