

## Data sheet

Art.No.: 96.032.4153.1

Connector RST20I3S S1 ZR2 V SW

RST 20i3 connector, 3 pole, male, screw connection, application 250V with PE, 20A, for cable diameters 10-14mm, coding color black, color of housing black



Art.No.	96.032.4153.1
EAN	4015573769724
Order Unit	1

Certificates / Approvals



## Technical data

### General

Rated current	20 A
Rated voltage	250 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	L, 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 mm <sup>2</sup> max.	6 mm <sup>2</sup>
Connection cross section solid mm <sup>2</sup> min.	0.75 mm <sup>2</sup>
Connection cross section fine stranded mm <sup>2</sup> max.	6 mm <sup>2</sup>
Connection cross section fine stranded mm <sup>2</sup> min.	0.75 mm <sup>2</sup>
Terminations per pole	1
Connection cross section stranded mm <sup>2</sup> min.	0.75 mm <sup>2</sup>
Connection cross section stranded mm <sup>2</sup> max.	6 mm <sup>2</sup>
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
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#### Material

Housing material	Polyamide
halogen free	Yes
Contact material	CuZn
Fire load	0.266 kWh
Insulation components continuous temperature	100 °C
Surface finish	Silver-plated

#### Dimensions

Length	79.1 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.
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#### Accessories

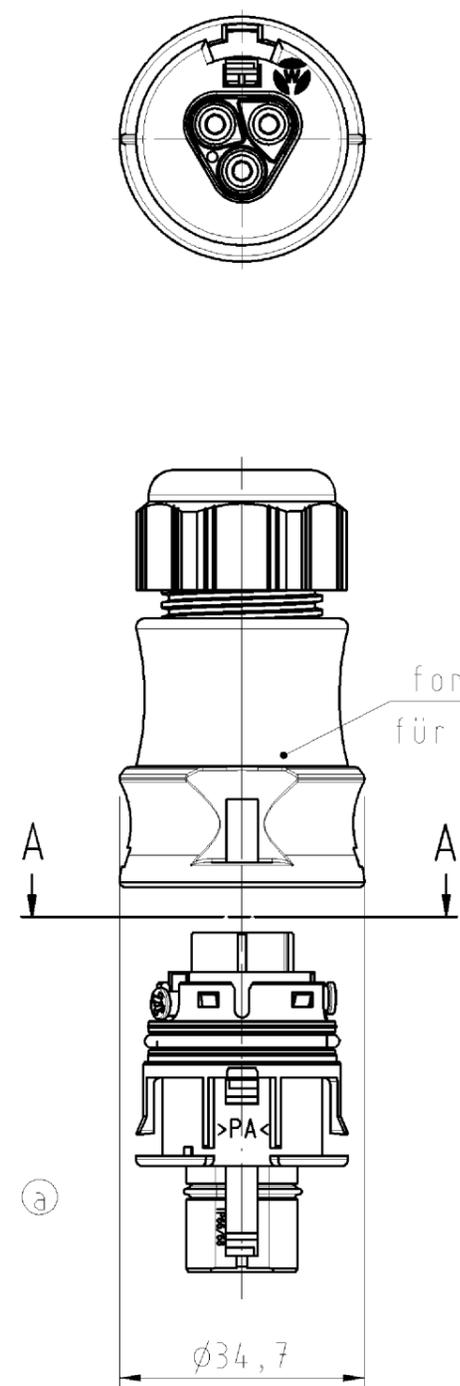
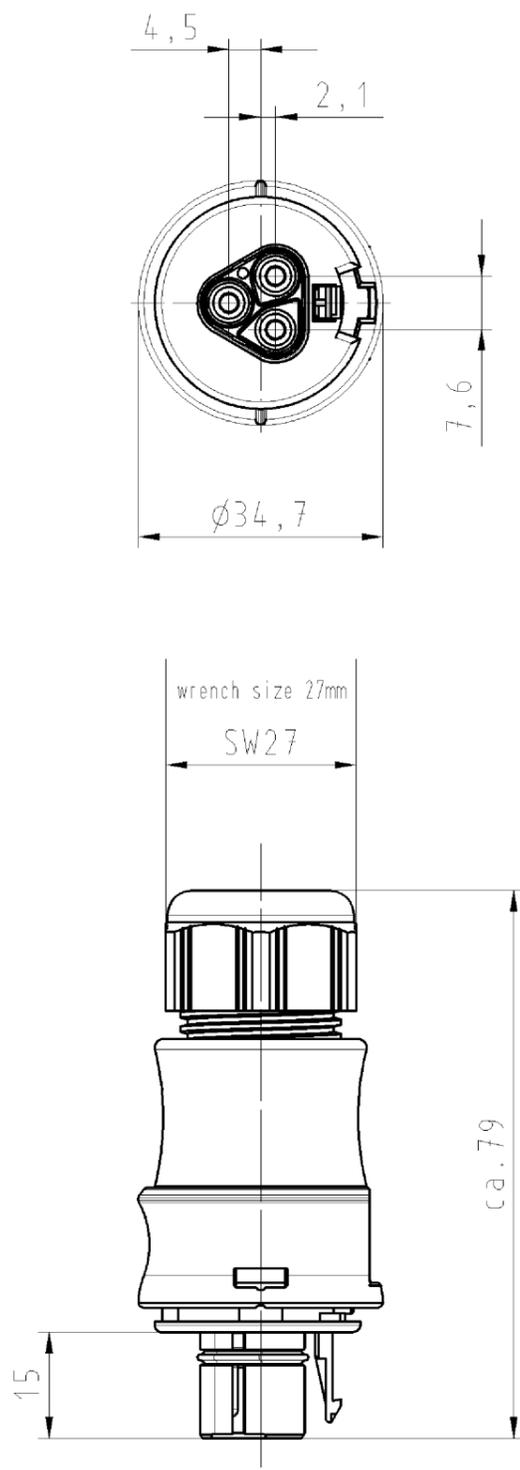
Art.No.:	Article/type description:	Description:
05.564.4453.1	Cover for male connector SW	RST20i3/2 cover piece, for covering unused male connectors, color black
99.416.6205.2	Cover for male connector SW	RST20i3/2 cover piece, for covering unused male connectors, with fastening belt, color black

#### Fits with

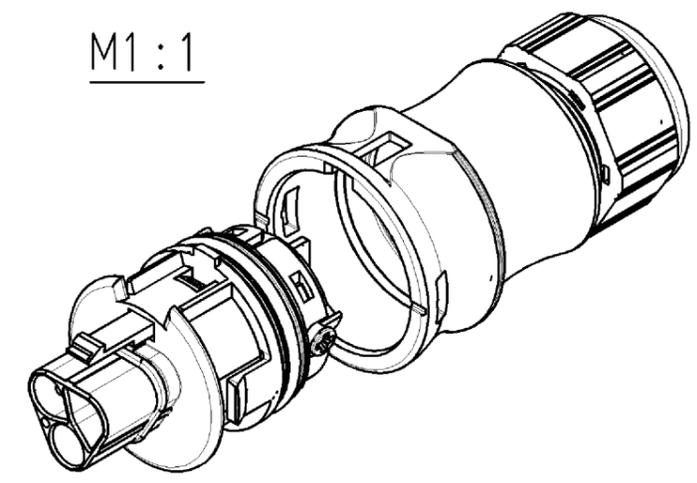
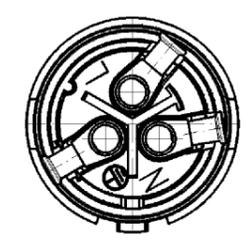
Art.No.:	Article/type description:	Description:
96.030.0153.1	Distributor RST20i3V 3P1 F V SW	RST20i3 distribution block, 3 pole, application 250V with PE, 20A, 1 input and 3 outputs, with fastening option, coding color black, color of housing black
96.031.4153.1	Connector RST20i3S B1 ZR2 SW	RST 20i3 connector, 3 pole, female, screw connection, application 250V with PE, 20A, for cable diameters 10-14mm, coding color black, color of housing black
96.033.4153.1	Connector RST20i3S B1 YR2 SW	RST 20i3 connector (90° angled), 3 pole, female, screw connection, application 250V with PE, 20A, for cable diameters 10-14mm, coding color black, color of housing black
96.031.5053.1	Device connector RST20i3S B1 M01 SW	RST20i3 device connector M25, 3 pole, female, screw connection, application 250V with PE, 20A, coding color black
96.031.6153.1	Device connector RST20i3S B1 M03 SW	RST20i3 device connector M16, 3 pole, female, screw connection, modular, application 250V with PE, 20A, coding color black, color of housing black

96.031.6053.1	Device connector RST20I3S B1 M00 SW	RST20i3 device connector M20, 3 pole, female, screw connection, modular, application 250V with PE, 20A, coding color black, color of housing black
96.033.6053.1	Device connector RST20I3S B1 M90 SW	RST20i3 device connector (90° angled) M20, 3 pole, female, screw connection, modular, application 250V with PE, 20A, coding color black, color of housing black
96.035.6153.1	Device connector RST20I3S B1 M13 SW	RST20i3 device connector (7° angled) M16, 3 pole, female, screw connection, modular, application 250V with PE, 20A, coding color black, color of housing black

○ Diese Maße werden bei Abnahme besonders geprüft  
 ○ Ausschließlich Prüfmaße  
 ○ Mitz./E-Merkmal/Zeichenelemente sind nur für interne Zwecke gültig



Schnitt A-A  
 section



Verpackungseinheit: je 100 Stück  
 packaging unit: per 100

Teile-Nr./ part-nr.	Farbe:/ color:	Einz.-Tl.-Nr.: *)/ single-part-nr.:*)
96.032.4153.1	schwarz, ähnl. RAL 9005/ black, similar to RAL 9005	.....1
96.032.4153.0	lichtgrau, ähnl. RAL 7035/ lightgrey, similar to RAL 7035	.....0

Freitoleranz nach		CAD - Zeichnung, keine manuellen Änderungen			I. Verwendung: -		Bl.: 1 von 1	
	Maßstab	Werkstoff und Oberfläche: material and surface: Farbe: siehe Tabelle color: look table	2004	Tag	Name	Zeichnung Nr.		Index
	1:1		Entworfen	27.02.	Kneitz	T 96.032.4153.0 01K		a
	Vol.	mm <sup>3</sup>	Off.	mm <sup>2</sup>	Normgepr.	Ersatz für: -		
Buchstabe		Datum / Blatt		Benennung		Type		
Änderung				wieland		RST2013		
				Elektrische Verbindungen		S S1 ZR2 V		
				STECKER MIT ZUGENTLASTUNG		male connector with cord grip		
				screw-connection without wire protection/Schraubanschluß ohne Drahtschutz				

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