

Data sheet

Art.No.: 96.032.4053.1

Connector RST20i3S S1 ZR1 V SW

RST20i3 Connector, straight, number of poles 3, male, connection type screw connection, rated voltage 250 V, rated current 20 A, cable diameter 6 - 10mm, color of coding/ contact carrier black



Art.No.	96.032.4053.1
EAN	4015573769700
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.	10 mm
Cable diameter min.	6 mm
Connection cross section solid mm ² max.	6 mm ²
Connection cross section solid mm ² min.	0.75 mm ²
Connection cross section fine stranded mm ² max.	6 mm ²
Connection cross section fine stranded mm ² min.	0.75 mm ²
Terminations per pole	1
Connection cross section stranded mm ² min.	0.75 mm ²
Connection cross section stranded mm ² max.	6 mm ²
sheath strip length	26.5 mm
Wire strip length	8 mm

Technical Data UL

Rated voltage UL	600 V
Rated current UL	20 A

Connection cross section solid AWG min.	16 AWG
Connection cross section solid AWG max.	10 AWG
Connection cross section stranded AWG min.	16 AWG
Connection cross section stranded AWG max.	10 AWG
Degree of protection (NEMA)	4, 4X, 6, 6P

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	0.267 kWh
Insulation components continuous temperature	100 °C
Surface finish	Silver-plated

Dimensions

Length	79.1 mm
Width	34.6 mm
Height	34.6 mm

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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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

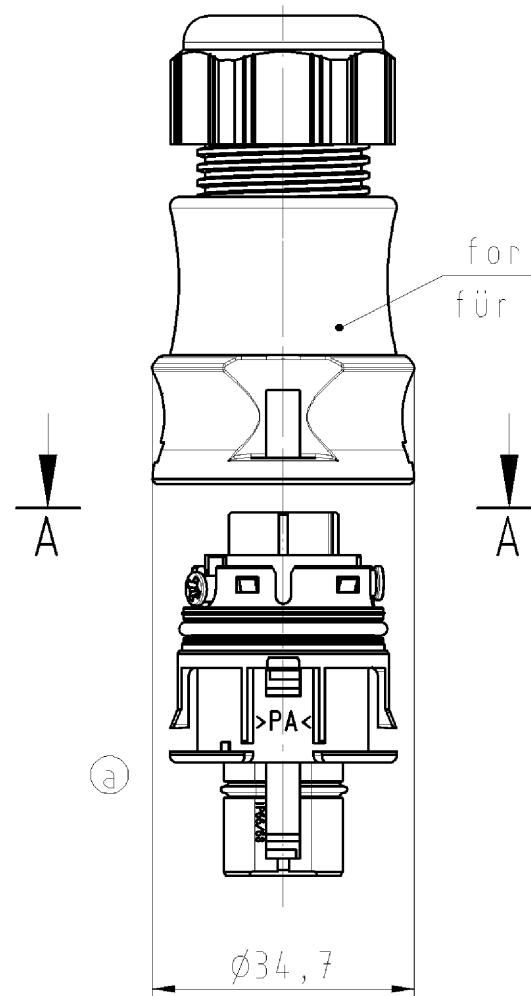
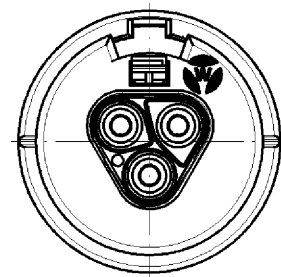
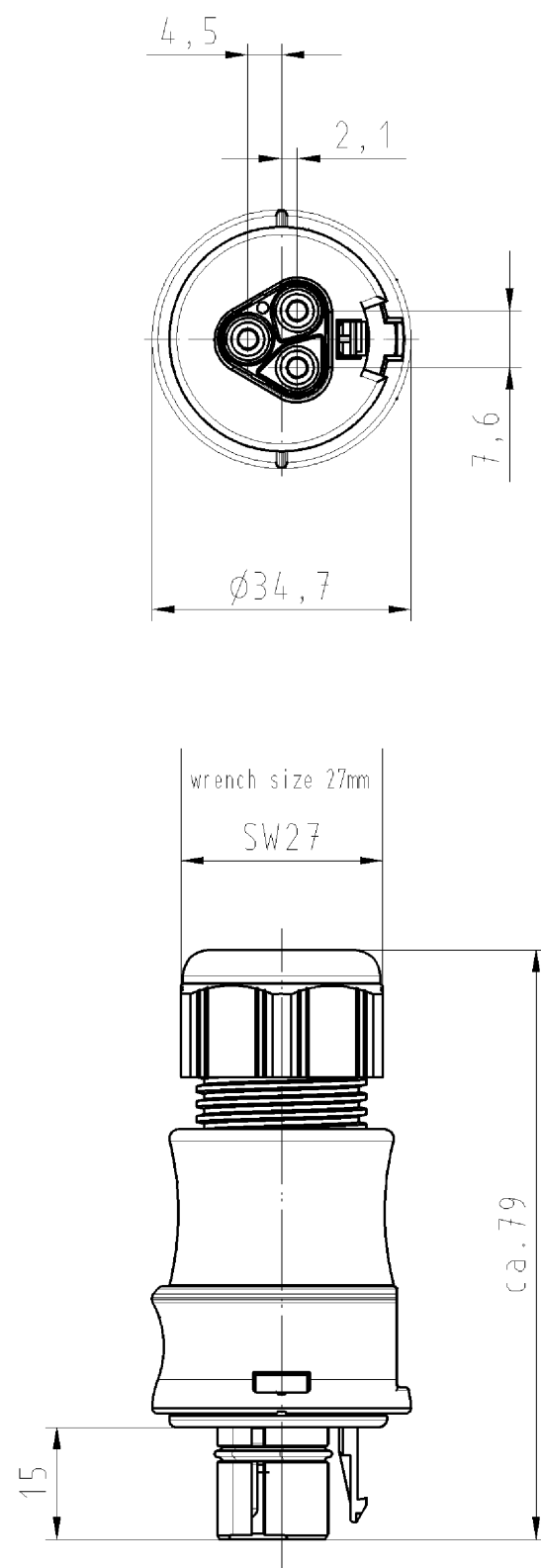
ROHS conformity status	Compliant/Exempted
ROHS exceptions	III-6(c)
REACH-SVHC conformity status	Duty-To-Declare
REACH-SVHC substances	Lead
REACH-SVHC CAS numbers	7439-92-1

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

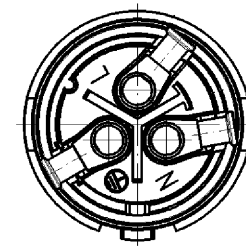
99.416.6205.2	Cover for male connector SW	RST20i3/2 cover piece, for covering unused male connectors, with fastening belt, color black
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○ Diese Maße werden bei Abnahme besonders geprüft
○ Ausschließlich Prüfmaße
○ Mit / E gekennzeichnete Maße sind nur für interne Zwecke gültig

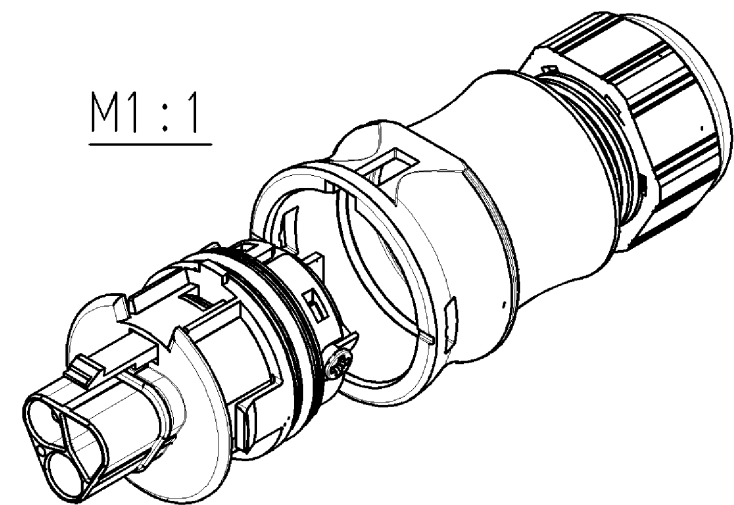


for cable diameter 6-10mm
für Kabeldurchmesser 6-10mm

Schnitt A-A
section A-A



M1 : 1



Verpackungseinheit: je 100 Stück
packaging unit: per 100

Teile-Nr./ part-nr.	Farbe:/ color:	Einz.-Tl.-Nr.: *)/ single-part-nr.:*)	Freitoleranz nach			CAD - Zeichnung, keine manuellen Änderungen			1.Verwendung: -		Bl.: 1 von 1	
				/	Maßstab 1:1	Werkstoff und Oberfläche: material and sureface: Farbe: siehe Tabelle color: look table	2004	Tag	Name	T	Zeichnung Nr. 96.032.4053.0 01K	Index a
				/			Entworfen	27.02.	Kneitz			
				/			Geprüft	-	-			
96.032.4053.1	schwarz, ähnl. RAL 9005/ black, similar to RAL 9005	_1		/	Vol.	mm³	Offl.	mm²	Normgepr.	-	-	Ersatz für: -
				/								
96.032.4053.0	lichtgrau, ähnl.RAL 7035/ lightgrey, similar to RAL 7035	_0	a	10.05.2005/		 wieland		Type RST2013 S S1 ZR1 V	Benennung STECKERTEIL_MIT_ZUGENTLASTUNG male connector with cord grip screw-connection without wire protection/Schraubanschluß ohne Drahtschutz			
			Buchstabe	Datum / Blatt								
			Änderung									