

Data sheet

Commercial Art.No.: 96.022.4053.1

Connector RST20i2S S13ZR1 V SW

RST20i3/2 connector, 2 pole, male, screw connection, application 250V, 20A, for cable diameters 6-10mm, coding color black, color of housing black



Commercial Art.No.	96.022.4053.1
EAN	4015573852242
Order Unit	1

Certificates / Approvals



LR RINA



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
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 solid AWG min.	16 AWG
Connection cross section solid AWG max.	10 AWG
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
Connection cross section stranded AWG min.	16 AWG
Connection cross section stranded AWG max.	10 AWG
sheath strip length	26.5 mm

Wire strip length	8 mm
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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

Classification

ECLASS 11	
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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Product compliance

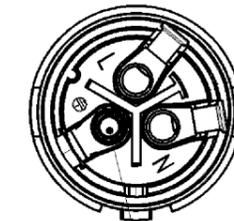
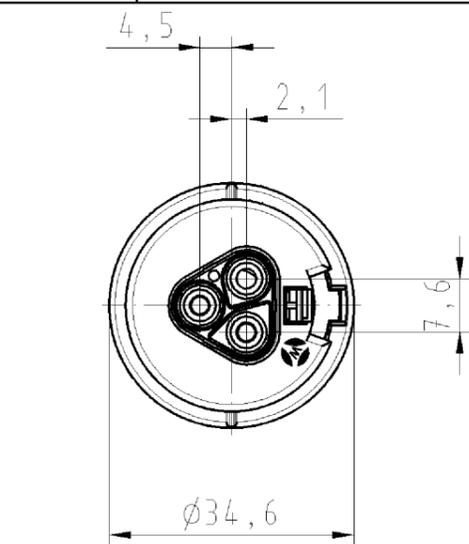
ROHS conformity status	Compliant/Exempted
ROHS exceptions	III-6(c)
REACH-SVHC conformity status	Duty-To-Declare
REACH-SVHC substances	Lead
REACH-SVHC CAS numbers	7439-92-1

Accessories

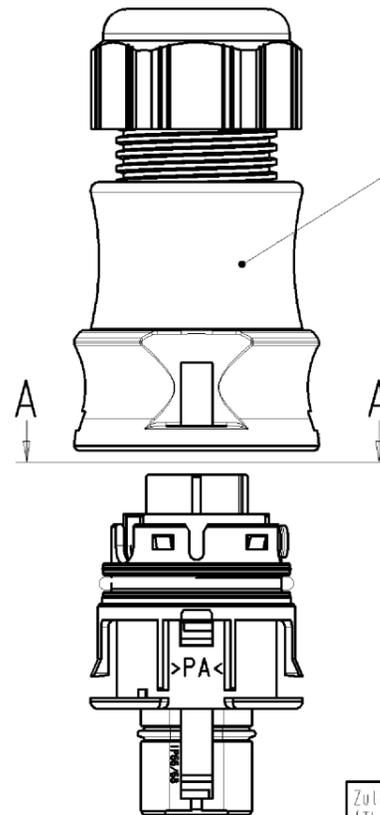
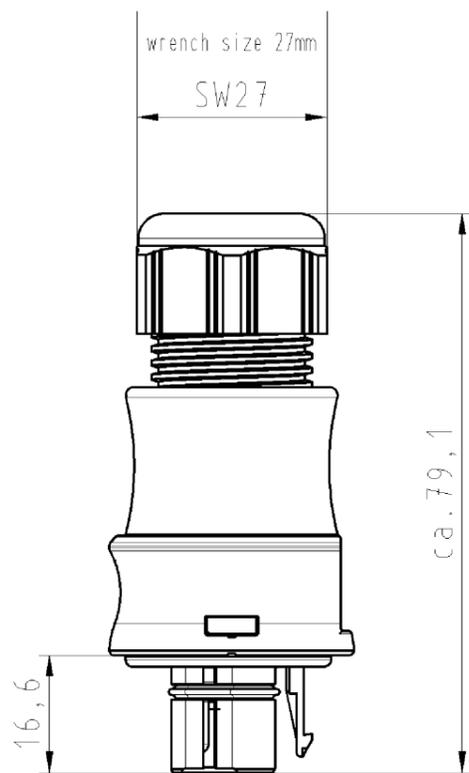
Commercial Art.No.:	Article-type description:	Description:
05.564.4453.1	Cover for male connector SW	RST20i3/2 cover piece, for covering unused male connectors, color black
99.416.6205.2	Cover for male connector SW	RST20i3/2 cover piece, for covering unused male connectors, with fastening belt, color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

Fits with

Commercial Art.No.:	Article-type description:	Description:
96.020.0153.1	Distributor RST20I2V 3P1 F V SW	RST20i3/2 distribution block, 2 pole, application 250V, 20A, 1 input and 3 outputs, with fastening option, coding color black, color of housing black
96.021.4053.1	Connector RST20I2S B13ZR1 SW	RST20i3/2 connector, 2 pole, female, screw connection, application 250V, 20A, for cable diameters 6-10mm, coding color black, color of housing black
96.023.4053.1	Connector RST20I2S B13YR1 SW	RST20i3/2 connector (90° angled), 2 pole, female, screw connection, application 250V, 20A, for cable diameters 6-10mm, coding color black, color of housing black
99.988.0000.7	distributor box RST20I2V 7P1 FV L SW	RST20i3/2 multi-distribution unit, 2 pole, application 250V, 20A, 1 input and 7 outputs, mounting option, coding color black, color of housing black

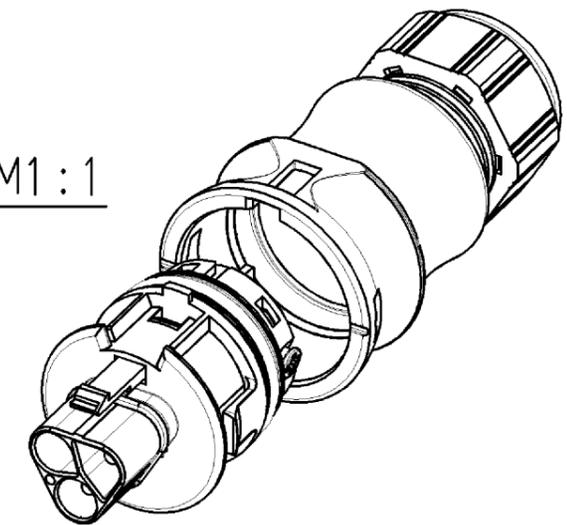


pole unassembled
Pol unbestückt



for cable diameter 6-10mm
(für Kabeldurchm. 6-10mm)

M1:1



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

Verpackungseinheit: je 100 Stück
packaging unit: per 100

Teile-Nr./ part-nr.	Farbe:/ color:
96.022.4053.1	schwarz, ähnl. RAL 9005/ black, similar to RAL 9005
96.022.4053.0	lichtgrau, ähnl. RAL 7035/ lightgrey, similar to RAL 7035

Zulässige Abweichungen nach DIN 7167/Permissible deviations acc. to DIN 7167. (This DIN-standard describes the envelope principle. According to the envelope principle the deviations of form and parallelism are limited by the size tolerances).		nein/no <input checked="" type="checkbox"/> Stoffverbots- und Deklarationsliste nach UU-TQM-05/03 ist einzuhalten. List of banned and declarable substances according to Wieland document e-UU-TQM-05/03 is to obey.	
Freitoleranz nach General tolerance		CAD - Zeichnung, keine manuellen Änderungen CAD - drawing, no manual modifications allowed	1. Verwendung: - First Use:
Blatt: 1 von 1 Sheet: 1 of 1		Zeichnung Nr./Drawing No.	
Index		T 96.022.4053.0 01K	
Datum / Blatt Date / Sheet		Maße in mm/Dimensions are in mm	
Änderung/Revision		Ersatz für/Replacement for: -	
Werkstoff/Material		Type	
2005 gezeichnet drawn 13.07. geprüft checked - Ningep. Stand. check		Tag/Date Name Kneitz	
Maßstab/Scale 1:1		Benennung/Title STECKERTEIL MIT ZUGENTLASTUNG male connector with cord grip	
Vol. mm ³ Ofl./Surf. mm ²		Schraubenschluß ohne Drahtschutz/screw-connection without wire protection	
wieland Elektrische Verbindungen		Typ RST2012 S S13 ZR1 V	

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