

Data sheet

Commercial Art.No.: 96.032.4055.7

Connector RST20I3S S1 ZR1 VH GN0

RST 20i3 connector, 3 pole, male, screw connection, application 250/400V with PE, 20A, for cable diameters 6-10mm, coding color leaf green, color of housing black



Commercial Art.No.	96.032.4055.7
EAN	4015573875104
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	leaves green
Marking of poles	1, 2, 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

Model

Model	male
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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	0.271 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

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

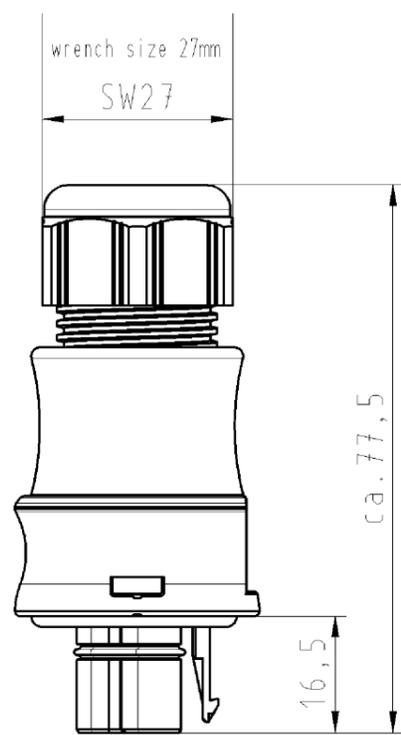
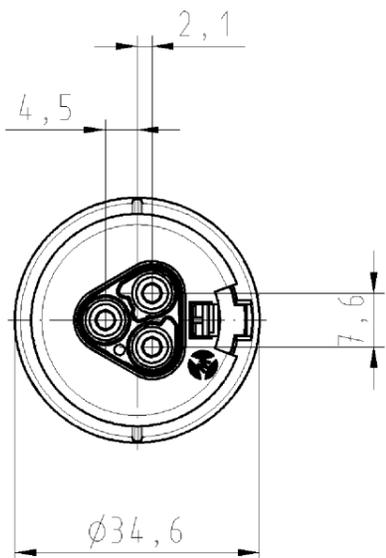
Fits with

Commercial Art.No.:	Article-type description:	Description:
96.030.0155.7	Distributor RST20i3V 3P1 F V H GN0	RST20i3 distribution block, 3 pole, application 250/400V with PE, 20A, 1 input and 3 outputs, with fastening option, coding color leaf green, color of housing leaf green
96.233.1031.7	Cable assembly RST20i3K1BS 25 H 10GN0	RST20i3 extension cable female - male, 3 pole, assembled with shrinkage tube, application 250/400V with PE, 20A, cable type H07RN-F, length 1.0m, cross section 2.5mm ² , coding color leaf green
96.031.4055.7	Connector RST20i3S B1 ZR1SH GN0	RST 20i3 connector, 3 pole, female, screw connection, application 250/400V with PE, 20A, for cable diameters 6-10mm, coding color leaf green, color of housing black
96.033.4055.7	Connector RST20i3S B1 YR1S H GN0	RST 20i3 connector (90° angled), 3 pole, female, screw connection, application 250/400V with PE, 20A, for cable diameters 6-10mm, coding color leaf green, color of housing black

96.031.5055.7	Device connector RST20i3S B1 M01 H GN0	RST20i3 device connector M25, 3 pole, female, screw connection, application 250/400V with PE, 20A, coding color leaf green
96.031.6155.7	Device connector RST20i3S B1 M03 H GN0	RST20i3 device connector M16, 3 pole, female, screw connection, modular, application 250/400V with PE, 20A, coding color leaf green, color of housing black
96.031.6055.7	Device connector RST20i3S B1 M00 H GN0	RST20i3 device connector M20, 3 pole, female, screw connection, modular, application 250/400V with PE, 20A, coding color leaf green, color of housing black
96.033.6055.7	Device connector RST20i3S B1 M90 H GN0	RST20i3 device connector (90° angled) M20, 3 pole, female, screw connection, modular, application 250/400V with PE, 20A, coding color leaf green, color of housing black

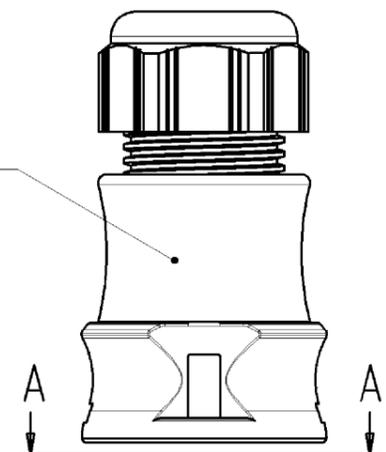
These dimensions will be especially checked at delivery
Only inspection dimensions
With /E marked dimensions are only valid for internal use

Diese Maße werden bei Abnahme besonders geprüft
Ausschließlich Prüfmaße
Mit /E gekennzeichnete Maße sind nur für interne Zwecke gültig

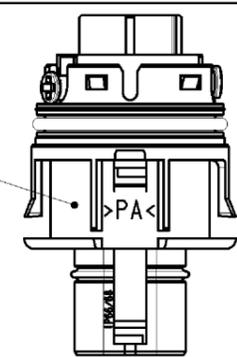


Auslieferungszustand delivery status

for cable diameter 6-10mm
für Kabeldurchm. 6-10mm
color: black,
similar to RAL 9005
Farbe: schwarz,
ähnl. RAL 9005

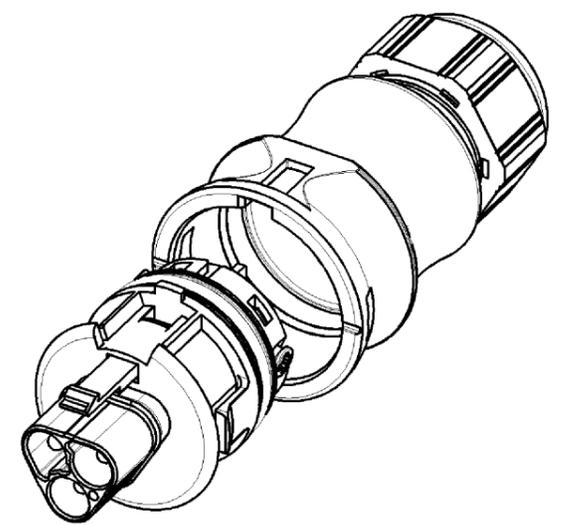


color: green,
similar to 6002
Farbe: grün,
ähnl. RAL 6002



Verpackungseinheit: je 100 Stück
packaging unit: per 100

A-A



Type: RST2013S S1 ZR1SVH GN02

Tolerierung nach DIN 7167/Tolerance system 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. Conformity with Wieland document UU-TQM-05/03 (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 1 Sheet: of 1	
Zeichnung Nr./Drawing No.		Index	
96.032.4055.7 01K			
Maße in mm/Dimensions are in mm			
Werkstoff/Material		2005 Tag/Date Name	
		gezeichnet/drawn 03.11. Kneitz	
Maßstab/Scale		geprüft/checked - -	
1:1		Nahgepr. Stand. check - -	
Vol. mm ³ Ofl./Surf. mm ²		Ersatz für/Replacement for: -	
wieland		Type Benennung/Title	
Elektrische Verbindungen		STECKERTEIL MIT ZUGENTLASTUNG	
Index Datum / Blatt Date / Sheet		male connector with cord grip Schraubanschluss ohne Drahtschutz für 400V screw-connection without wire protection for 400V	
Änderung/Revision			

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