product data sheet

item no. 96.021.4453.1

connector RST20I2S B13ZRW SW

RST® CLASSIC connector, straight, for illumination cable, number of poles 2, female, connection type screw connection, rated voltage 250 V, rated current 20 A, cable diameter 5.3 - 13.3 mm, illumination cable (13.3x5.3), color of coding/ contact carrier black



item no.	96.021.4453.1
EAN	4015573852525
order unit	100 piece(s)

certificates / approvals

technical data

note

note	RST® terminals with screw clamping allow the connection of conductors without special preparation (without ferrules) according to EN 60999-1.

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
RAL-Nummer Codierung/Kontakteinsatz	9005

connection data

cable diameter max.	13.3 mm
cable diameter min.	5.3 mm
connection cross section solid mm² max.	6 mm²
connection cross section solid mm² min.	0.75 mm²
connection cross section fine stranded mm² max.	6 mm²
connection cross section fine stranded mm² min.	0.75 mm²
terminations per pole	1
special cable geometry	illumination cable (13.3x5.3)
connection cross section stranded mm² min.	0.75 mm²
connection cross section stranded mm² max.	6 mm²
sheath strip length	26.5 mm
wire strip length	8 mm

model

model	female
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	0.293 kWh/St
insulation components continous temperature	100 °C
surface finish	silver-plated

dimensions

length	82 mm
width	34.6 mm
height	34.6 mm

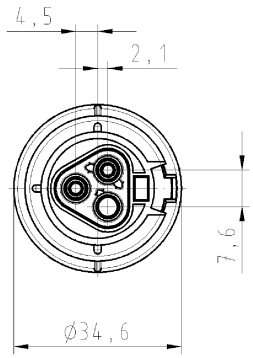
accessories

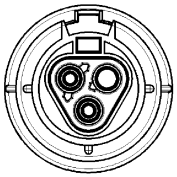
item no.	type	description
99.414.6205.2	cover for female connector SW	RST20i3/2 cover piece, for covering unused female connectors, with fastening belt, color black
Z5.564.4553.1	cover for female connector SW	RST20i3/2 cover piece, for covering unused female connectors, color black

assembly

item no.	type	description
96.020.0153.1	distributor RST20I2V 3P1 F V SW	RST® CLASSIC distributor, parallel connection, with fastening option, number of poles 2, rated voltage 250 V, rated current 10 A, number of inputs 1, number of outputs 3, color of coding/ contact carrier black

technical drawing

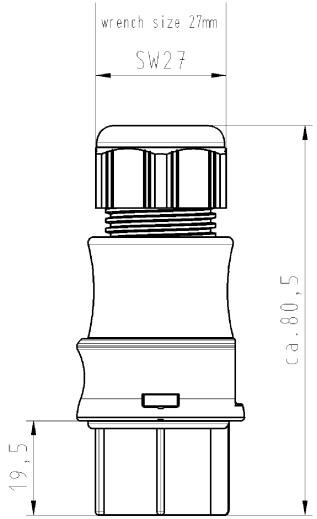


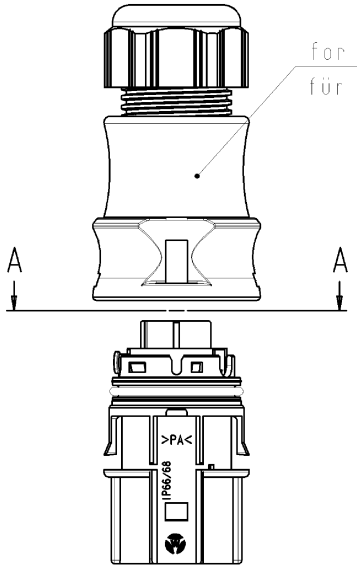


A-A

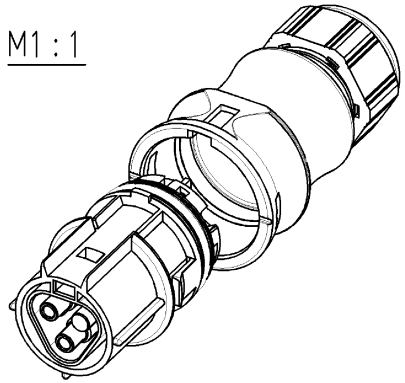


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M1:1



Diese Maße werden bei Abnahme besonders geprüft
Ausschließlich Prüfmaße
M1 ≙ gekennzeichnete Maße sind nur für interne Zwecke gültig

Verpackungseinheit: je 100 Stück
packaging unit: per 100

Teile-Nr./ part-nr.	Farbe:/ color:
96.021.4453.1	schwarz, ähnl. RAL 9005/ black, similar to RAL 9005
96.021.4453.0	lichtgrau, ähnl.RAL 7035/ lightgrey, similar to RAL 7035

Freitoleranz nach			CAD - Zeichnung, keine manuellen Änderungen			1.Verwendung: -		Bl.: 1 von 1	
	/	Maßstab 1:1	Werkstoff und Oberfläche:	2005	Tag	Name	T	Zeichnung Nr. 96.021.4453.0 01K	Index
	/			Entworfen	06.07.	Kneitz			
	/			Geprüft	-	-			
	/	Vol. mm³	Oft. mm²	Normgepr.	-	-		Ersatz für: -	
	/	wieland Elektrische Verbindungen		Typ RST2012 S B13 ZRW		Benennung BUCHSENTEIL_MIT_ZUGENTLASTUNG female connector with cord grip Schraubanschluß ohne Drahtschutz/screw-connection without wire protection			
Buchstabe	Datum / Blatt								
Änderung									

OU-PEM-08/91

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