product data sheet

item no. 96.022.4453.1

connector RST20I2S S13ZRW V SW

RST® CLASSIC connector, straight, for illumination cable, number of poles 2, male, 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.	96.022.4453.1
EAN	4015573780880
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	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	0.271 kWh/St
insulation components continous temperature	100 °C
surface finish	silver-plated

dimensions

length	79.1 mm
width	34.6 mm
height	34.6 mm

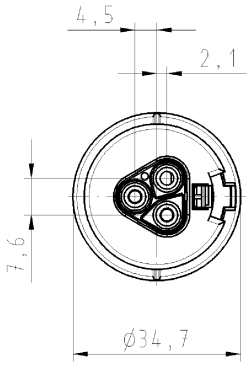
accessories

item no.	type	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

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
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

technical drawing



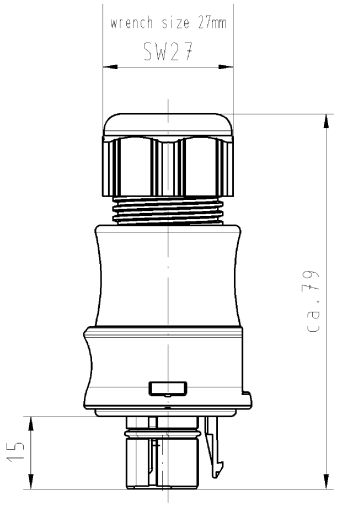


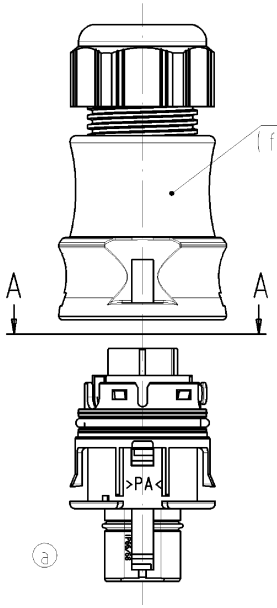
Schnitt A-A
section A-A



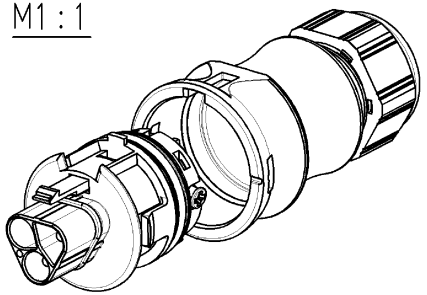
Weitergabe sowie Vervielfältigung dieses Dokuments, Verwertung und Mitteilung seines Inhalts sind verboten, soweit nicht ausdrücklich gestattet.
The reproduction, distribution and utilization of this document as well as the communication of its contents to others without express authorization is prohibited.

Diese Maße werden bei Abnahme besonders geprüft
Ausschließlich Prüfmaße
Mit (Z) gekennzeichnete Maße sind nur für interne Zwecke gültig





M1:1



Verpackungseinheit: je 100 Stk.
packaging unit: per 100

Teile-Nr./ part-nr.	Farbe:/ color:	Einz.-Tl.-Nr.: *)/ single-part-nr.:*)
96.022.4453.1	schwarz, ähnl. RAL 9005/ black, similar to RAL 9005	..._..._...._1
96.022.4453.0	lichtgrau, ähnl.RAL 7035/ lightgrey, similar to RAL 7035	..._..._...._0

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. 96.022.4453.0 01K	Index a
	/			Entworfen	07.05.	Kneitz			
	/			Geprüft	-	-			
	/	Vol. mm³	Oft. mm²	Normgepr.	-	-		Ersatz für: -	
a	10.05.2005/	wieland Elektrische Verbindungen		Type RST2012 S S2 ZRW V			Benennung STECKERTEIL_MIT_ZUGENTL male connector with cord grip Schraubanschluss ohne Drahtschutz/screw-connection without wire-protection		
Buchstabe	Datum / Blatt								
Änderung									

9602244530 01K_4 C4D0007 Kneitz 2005-05-11T08:24:59 1.000