product data sheet

item no. 96.031.4053.1

connector RST20I3S B1 ZR1 SW

RST® CLASSIC connector, straight, number of poles 3, female, connection type screw connection, rated voltage 250 V, rated current 20 A, cable diameter 6 - 10 mm, color of coding/ contact carrier black



item no.	96.031.4053.1
EAN	4015573769625
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
Pole codification	L, N, PE
color of housing inclusive strain relief	black
RAL-Nummer Codierung/Kontakteinsatz	9005

connection data

cable diameter max.	10 mm
cable diameter min.	6 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
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	0.29 kWh/St
insulation components continous temperature	100 °C
surface finish	silver-plated

dimensions

length	82 mm
width	34.6 mm
height	34.6 mm

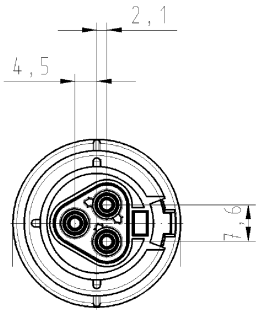
accessories

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
96.030.0153.1	distributor RST20I3V 3P1 F V SW	RST® CLASSIC distributor, parallel connection, with fastening option, number of poles 3, rated voltage 250 V, rated current 20 A, number of inputs 1, number of outputs 3, color of coding/ contact carrier black
96.032.5053.1	device connector RST20I3S S1 M01V SW	RST® CLASSIC device connector, standard, straight, M25, number of poles 3, model male, connection type screw connection, rated voltage 250 V, rated current 20 A, color of coding/ contact carrier black
96.032.6153.1	device connector RST20I3S S1 M03V SW	RST® CLASSIC device connector, modular, straight, M16, number of poles 3, model male, connection type screw connection, rated voltage 250 V, rated current 20 A, color of coding/ contact carrier black
96.032.6053.1	device connector RST20I3S S1 M00V SW	RST® CLASSIC device connector, modular, straight, M20, number of poles 3, model male, connection type screw connection, rated voltage 250 V, rated current 20 A, color of coding/ contact carrier black
96.034.6053.1	device connector RST20I3S S1 M90V SW	RST® CLASSIC device connector, modular, angled 90°, M20, number of poles 3, model male, connection type screw connection, rated voltage 250 V, rated current 20 A, color of coding/ contact carrier black
96.036.6153.1	device connector RST20I3S S1 M13V SW	RST® CLASSIC device connector, modular, angled 7°, M16, number of poles 3, model male, connection type screw connection, rated voltage 250 V, rated current 20 A, color of coding/ contact carrier black

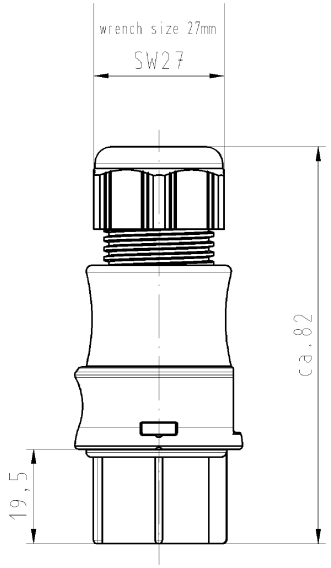
technical drawing

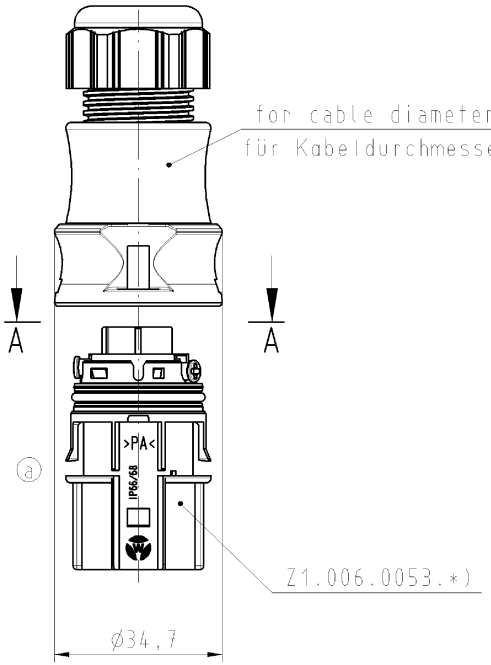


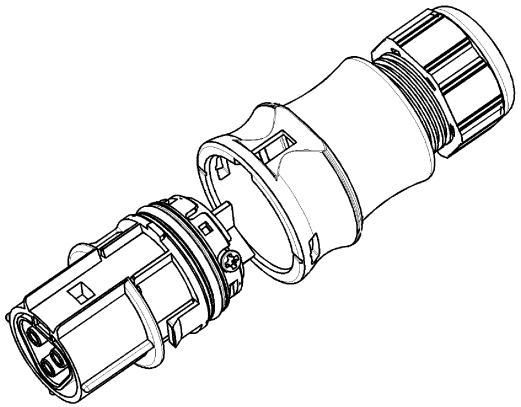
Schnitt A-A
section A-A



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Verpackungseinheit: je 100 Stück
packaging unit: per 100

Teile-Nr./ part-nr.	Farbe:/ color:	Einz.-Tl.-Nr.: *)/ single-part-nr.:*)
96.031.4053.1	schwarz, ähnl. RAL 9005/ black, similar to RAL 9005	..._..._...._1
96.031.4053.0	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. 96.031.4053.0 01K	Index a
	/			Entworfen	27.02.	Kneitz			
	/			Geprüft	-	-			
	/	Vol. mm³	Oft. mm²	Normgepr.	-	-	Ersatz für: -		
	/								
a	03.05.2005/	wieland Elektrische Verbindungen		Type RST2013 S B1 ZR1 V			Benennung BUCHSENTEIL_MIT_ZUGENTLASTUNG female connector with cord grip Schraubanschluß ohne Drahtschutz/ screw-connection without wire protection		
Buchstabe	Datum / Blatt								
Änderung									

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

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