product data sheet

item no. 96.031.4053.0

connector RST20I3S B1 ZR1 GL

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 light grey



item no.	96.031.4053.0
EAN	4015573769618
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	light grey
Pole codification	L, N, PE
color of housing inclusive strain relief	light grey
RAL-Nummer Codierung/Kontakteinsatz	7035

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	0.291 kWh/St
insulation components continous temperature	100 °C
surface finish	silver-plated

dimensions

length	82 mm
width	34.6 mm
height	34.6 mm

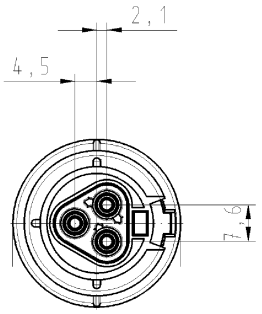
accessories

item no.	type	description
99.413.6205.2	cover for female connector GL	RST20i3/2 cover piece, for covering unused female connectors, with fastening belt, color light grey
Z5.564.4553.0	cover for female connector GL	RST20i3/2 cover piece, for covering unused female connectors, color light grey

assembly

item no.	type	description
96.030.0153.0	distributor RST20I3V 3P1 F V GL	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 light grey
96.032.5053.0	device connector RST20I3S S1 M01V GL	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 light grey
96.233.1030.0	cable assembly RST20I3K1BS 25 10GL	RST® CLASSIC connecting cable, female - male, number of poles 3, rated voltage 250 V, rated current 20 A, cable type H07RN-F, fire class Eca, total length 1 m, nominal cross section conductor 2.5 mm², color of coding/ contact carrier light grey
96.032.6153.0	device connector RST20I3S S1 M03V GL	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 light grey
96.032.6053.0	device connector RST20I3S S1 M00V GL	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 light grey
96.034.6053.0	device connector RST20I3S S1 M90V GL	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 light grey
96.036.6153.0	device connector RST20I3S S1 M13V GL	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 light grey

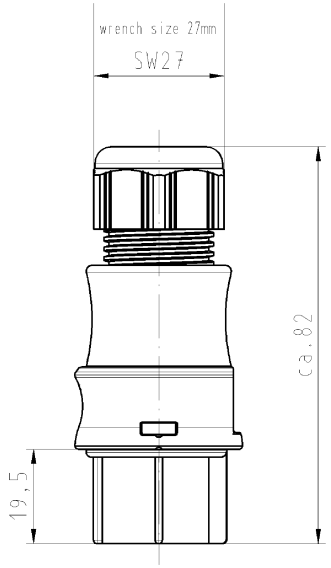
technical drawing

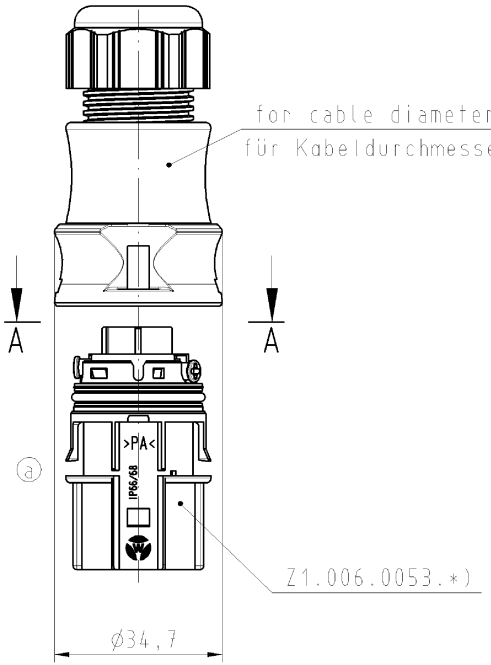


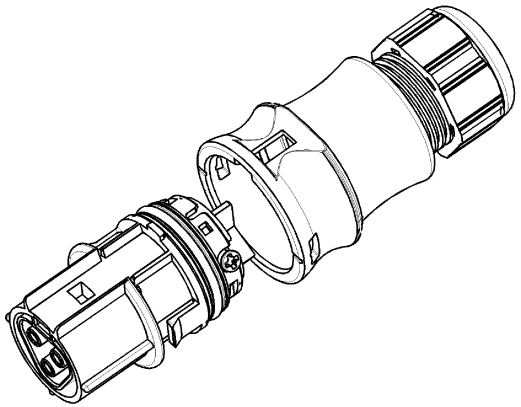
Schnitt A-A
section A-A



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.







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

96031405300IK_4 CADKONT 2005-05-03T13:16:59 1.000