product data sheet

item no. 96.032.4053.0

connector RST20I3S S1 ZR1 V GL

RST® CLASSIC connector, straight, number of poles 3, male, 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.	96.032.4053.0
EAN	4015573769694
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
marking of poles	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	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	0.269 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

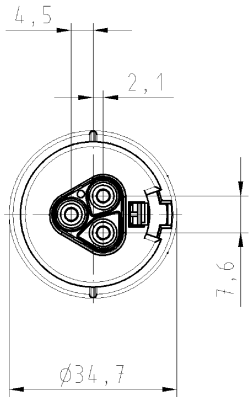
accessories

item no.	type	description
05.564.4453.0	cover for male connector GL	RST20i3/2 cover piece, for covering unused male connectors, color light grey
99.415.6205.2	cover for male connector GL	RST20i3/2 cover piece, for covering unused male connectors, with fastening belt, color light grey

assembly

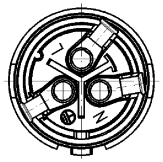
item no.	type	description
96.030.0153.0	distributor RST20I3V 3P1 F V GL	RST® CLASSIC distributor, parallel connection, with fastening option, number of poles 3, rated voltage 250 V, rated current 20 A, number of inputs 1, number of outputs 3, color of coding/ contact carrier light grey
96.031.5053.0	device connector RST20I3S B1 M01 GL	RST® CLASSIC device connector, standard, straight, M25, number of poles 3, model female, 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
96.031.4053.0	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
96.031.6153.0	device connector RST20I3S B1 M03 GL	RST® CLASSIC device connector, modular, straight, M16, number of poles 3, model female, connection type screw connection, rated voltage 250 V, rated current 20 A, color of coding/ contact carrier light grey
96.031.6053.0	device connector RST20I3S B1 M00 GL	RST® CLASSIC device connector, modular, straight, M20, number of poles 3, model female, connection type screw connection, rated voltage 250 V, rated current 20 A, color of coding/ contact carrier light grey
96.033.6053.0	device connector RST20I3S B1 M90 GL	RST® CLASSIC device connector, modular, angled 90°, M20, number of poles 3, model female, connection type screw connection, rated voltage 250 V, rated current 20 A, color of coding/ contact carrier light grey
96.035.6153.0	device connector RST20I3S B1 M13 GL	RST® CLASSIC device connector, modular, angled 7°, M16, number of poles 3, model female, connection type screw connection, rated voltage 250 V, rated current 20 A, color of coding/ contact carrier light grey

technical drawing

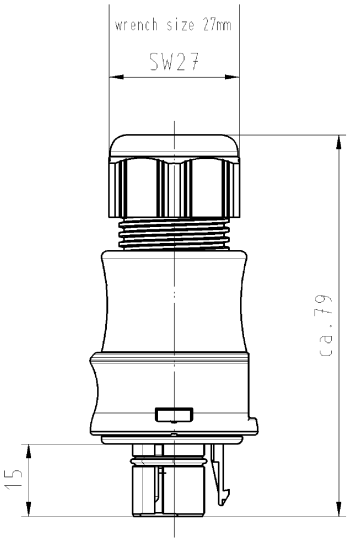


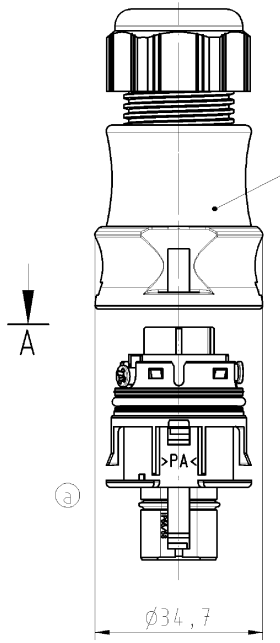


Schnitt A-A
section A-A

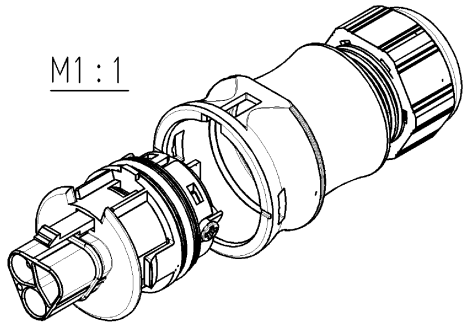


Weitergabe sowie Vervielfältigung dieses Dokuments, Verwertung und Mitteilung seines Inhalts sind verboten, soweit nicht ausdrücklich gestattet.
The reproduction, distribution and utilization of this document as well as the communication of its contents to others without express authorization is prohibited.





M1:1



Verpackungseinheit: je 100 Stück
packaging unit: per 100

Teile-Nr./ part-nr.	Farbe:/ color:	Einz.-Tl.-Nr.: *)/ single-part-nr.:*)
96.032.4053.1	schwarz, ähnl. RAL 9005/ black, similar to RAL 9005	..._..._...._1
96.032.4053.0	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. 96.032.4053.0 01K	Index a
	/			Entworfen	27.02.	Kneitz			
	/			Geprüft	-	-			
	/	Vol. mm³	Oft. mm²	Normgepr.	-	-		Ersatz für: -	
a	10.05.2005/	wieland Elektrische Verbindungen		Type RST2013 S S1 ZR1 V			Benennung STECKERTEIL_MIT_ZUGENTLASTUNG male connector with cord grip screw-connection without wire protection/Schraubanschluß ohne Drahtschutz		
Buchstabe	Datum / Blatt								
Änderung									

Diese Maße werden bei Abnahme besonders geprüft
Ausschließlich Prüfmaße
Maß (A...) gekennzeichnete Maße sind nur für interne Zwecke gültig.

9603240530K_4 G4DW007 Kneitz 2005-05-10T13:00:59 1.000