product data sheet

item no. 96.032.0053.0

connector RST20I3F S2 ZR1 V GR

RST® CLASSIC connector, straight, number of poles 3, male, connection type spring clamp connection, rated voltage 250 V, rated current 20 A, cable diameter 6 - 10 mm, color of coding/ contact carrier light grey



item no.	96.032.0053.0
EAN	4015573742741
order unit	100 piece(s)

certificates / approvals

technical data

note

note	fine stranded and stranded conductors require cable end sleeve

general

rated current	20 A
rated voltage	250 V
rated impulse voltage	4 kV
strain relief	yes
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.	2.5 mm²
connection cross section solid mm² min.	0.5 mm²
connection cross section fine stranded mm² max.	1.5 mm²
connection cross section fine stranded mm² min.	0.5 mm²
terminations per pole	2
connection cross section stranded mm² min.	0.75 mm²
connection cross section stranded mm² max.	1.5 mm²
sheath strip length	35 mm
wire strip length	14.5 mm

model

model	male
connection type	spring clamp connection
degree of protection (IP)	IP66/68 (3m;2h) /IP69

material

housing material	polyamide
halogen free	yes
contact material	CuZn
fire load	0.27 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

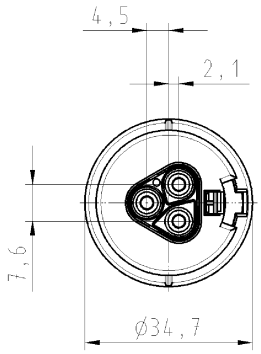
accessories

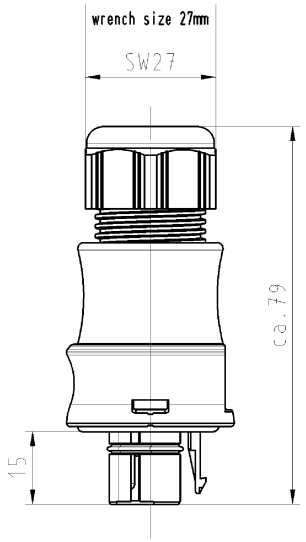
item no.	type	description
05.564.4453.0	cover for male connector GL	RST20i3/2 cover piece, for covering unused male connectors, color light grey
99.415.6205.2	cover for male connector GL	RST20i3/2 cover piece, for covering unused male connectors, with fastening belt, color light grey
06.502.4300.0	screwdriver DIN 5264 A 0,4 X 2,5	Screw driver according to DIN 5264 A, blade: 0.4x2.5 mm, long and straight version
95.101.1300.0	ferrule crimping tool 0,08 - 10 mm²	Crimping tool for ferrules, wire strip length: 7-28 mm, nominal cross section: 0,08-10 mm², length of tool: 180 mm
06.600.3627.0	ferrule DIN 46228-E1-12	RST ferrule, for spring clamp contact, with insulating sleeve, for cross section 1.0 mm²/AWG17
06.600.3727.0	ferrule DIN 46228-E0,75-12	RST ferrule, for spring clamp contact, with insulating sleeve, for cross section 0.75-1.0 mm²/AWG17
06.600.3827.0	ferrule DIN 46228-E0,5-10	RST ferrule, for spring clamp contact, with insulating sleeve, for cross section 0.5 mm²/AWG20
06.600.3927.0	ferrule DIN 46228-E1,5-12	RST ferrule, for spring clamp contact, with insulating sleeve, for cross section 1.5 mm²/AWG16

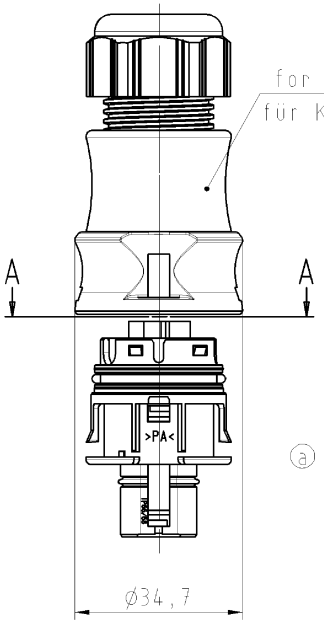
assembly

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
96.031.1053.0	device connector RST20I3F B2 M01 GL	RST® CLASSIC device connector, standard, straight, M25, number of poles 3, model female, connection type spring clamp 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
96.031.0053.0	connector RST20I3F B2 ZR1 GL	RST® CLASSIC connector, straight, number of poles 3, female, connection type spring clamp connection, rated voltage 250 V, rated current 20 A, cable diameter 6 - 10 mm, color of coding/ contact carrier light grey
96.031.2153.0	device connector RST20I3F B2 M03 GL	RST® CLASSIC device connector, modular, straight, M16, number of poles 3, model female, connection type spring clamp connection, rated voltage 250 V, rated current 20 A, color of coding/ contact carrier light grey
96.031.2053.0	device connector RST20I3F B2 M00 GL	RST® CLASSIC device connector, modular, straight, M20, number of poles 3, model female, connection type spring clamp connection, rated voltage 250 V, rated current 20 A, color of coding/ contact carrier light grey
96.033.2053.0	device connector RST20I3F B2 M90 GL	RST® CLASSIC device connector, modular, angled 90°, M20, number of poles 3, model female, connection type spring clamp connection, rated voltage 250 V, rated current 20 A, color of coding/ contact carrier light grey
96.035.2153.0	device connector RST20I3F B2 M13 GL	RST® CLASSIC device connector, modular, angled 7°, M16, number of poles 3, model female, connection type spring clamp connection, rated voltage 250 V, rated current 20 A, color of coding/ contact carrier light grey

technical drawing



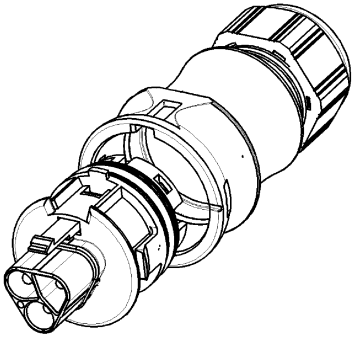




view A-A
Ansicht A-A



M 1:1



Verpackungseinheit: je 100 Stk.
packaging unit: per 100

Teile-Nr./ part-nr.	Farbe:/ color:	Einz.-Tl.-Nr.: *)/ single-part-nr.:*)
96.032.0053.1	schwarz, ähnl. RAL 9005/ black, similar to RAL 9005	.._..._...._1
96.032.0053.0	lichtgrau, ähnl.RAL 7035/ lightgrey, similar to RAL 7035	.._..._...._0

Freitoleranz nach 16901 Toleranzgruppe 130 | CAD - Zeichnung, keine manuellen Änderungen | 1.Verwendung: - | Bl.: 1 von 1

	/	Maßstab	Werkstoff und Oberfläche: material and sureface:	2003	Tag	Name	T	Zeichnung Nr.	Index
	/	1:1	Farbe: siehe Tabelle color: look table	Entworfen	21.10.	Kneitz		96.032.0053.0 01K	a
	/	Vol. mm³	Ofl. mm²	Geprüft	-	-			
	/			Normgepr.	-	-		Ersatz für: -	
a	09.05.2005/	wieland Elektrische Verbindungen					Benennung	STECKERTEIL_MIT_ZUGENTLASTUNG	
Buchstabe	Datum / Blatt							male connector with cord grip	
	Änderung							RST2013F S2 ZR1 V	

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Ausschließlich Prüfmaße
Mit (E) gekennzeichnete Maße sind nur für interne Zwecke gültig

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