product data sheet

item no. 96.132.0053.0

connector RST20I3C S1 ZR1 V GL

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



item no.	96.132.0053.0
EAN	4049088140211
order unit	100 piece(s)

certificates / approvals

technical data

note

note	crimp contacts have to ordered separately (under fits with)

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 fine stranded mm² max.	4 mm²
connection cross section fine stranded mm² min.	0.75 mm²
terminations per pole	1
sheath strip length	37 mm
wire strip length	8 mm

model

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

material

housing material	polyamide
halogen free	yes

contact material	CuZn
fire load	0.267 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

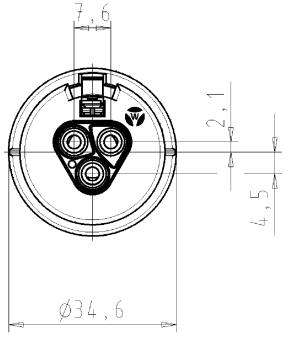
accessories

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
05.544.7800.0	male contact CRIMP RST20i2/i3 1,0QMM	RST20i3/2 crimp contact, male, 20A, for cross section 1.0 mm²/AWG17
05.544.7900.0	male contact CRIMP RST20i2/i3 1,5QMM	RST20i3/2 crimp contact, male, 20A, for cross section 1.5 mm²/AWG16
05.544.8000.0	male contact CRIMP RST20i2/i3 2,5QMM	RST20i3/2 crimp contact, male, 20A, for cross section 2.5 mm²/AWG14
05.545.4600.0	male contact CRIMP RST20i2/i3 4,0QMM	RST20i3/2 crimp contact, male, 20A, for cross section 4.0 mm²/AWG12

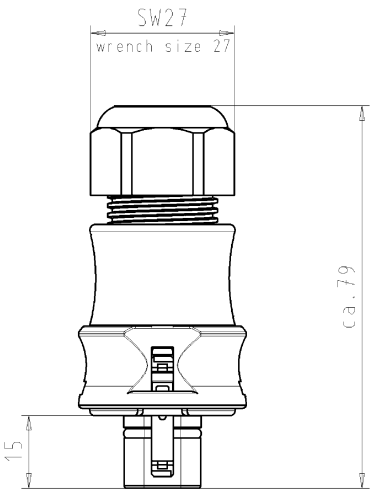
assembly

item no.	type	description
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
96.135.2153.0	device connector RST20I3C B1 M13 GL	RST® CLASSIC device connector, modular, angled 7°, M16, number of poles 3, model female, connection type crimp, rated voltage 250 V, rated current 20 A, color of coding/ contact carrier light grey
96.131.2153.0	device connector RST20I3C B1 M03 GL	RST® CLASSIC device connector, modular, straight, M16, number of poles 3, model female, connection type crimp, rated voltage 250 V, rated current 20 A, color of coding/ contact carrier light grey
96.133.2053.0	device connector RST20I3C B1 M90 GL	RST® CLASSIC device connector, modular, angled 90°, M20, number of poles 3, model female, connection type crimp, rated voltage 250 V, rated current 20 A, color of coding/ contact carrier light grey
96.131.2053.0	device connector RST20I3C B1 M00 GL	RST® CLASSIC device connector, modular, straight, M20, number of poles 3, model female, connection type crimp, rated voltage 250 V, rated current 20 A, color of coding/ contact carrier light grey
96.131.0053.0	connector RST20I3C B1 ZR1 GL	RST® CLASSIC connector, straight, number of poles 3, female, connection type crimp, rated voltage 250 V, rated current 20 A, cable diameter 6 - 10 mm, color of coding/ contact carrier light grey

technical drawing

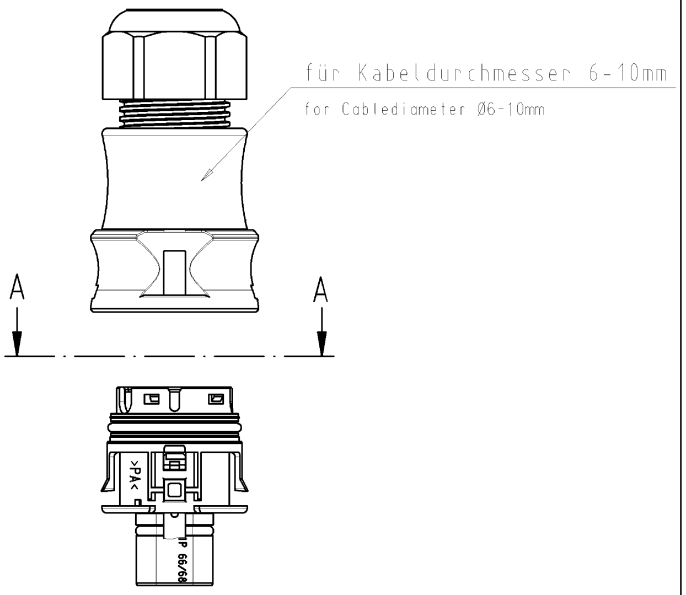


These dimensions will be especially checked at delivery
Only inspection dimensions
With /E marked dimensions are only valid for internal use



Diese Maße werden bei Abnahme besonders geprüft
Ausschließlich Prüfmaße
Mit /E gekennzeichnete Maße sind nur für interne Zwecke gültig

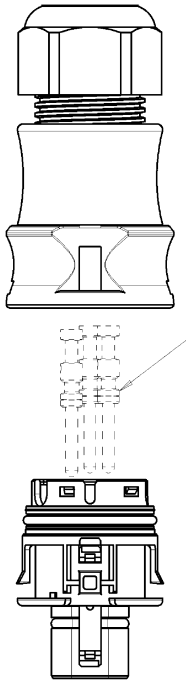
Auslieferungszustand
delivery status



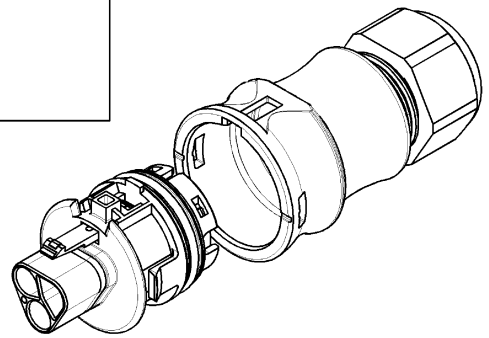
Schnitt A-A



Bestellhinweis
order info



Bitte seperat bestellen:
Buchsenkontakte
female contacts
must be ordered seperatly:
05.544.7800.0 (0,75-1□)
05.544.7900.0 (1,5□)
05.544.8000.0 (2,5□)
05.545.4600.0 (4,0□) (a)



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Verpackungseinheit: je 100 Stück
packaging unit: per 100 pcs

Teile-Nr. Part-nr.	Farbe: color:
96.132.0053.1	schwarz, ähnl. RAL 9005 black, similar to RAL 9005
96.132.0053.0	lichtgrau, ähnl. RAL 7035 lightgrey, similar to RAL 7035

Toleranz nach DIN 7167/Tolerance system acc. to DIN 7167. (This DIN-standard desbribes the envelope principle. According to the envelope principle the deviations of form and parallelism are limited by the size tolerances).

nein/no ☒ Stoffverbots- und Deklarationsliste nach UU-TOM-05/03 ist einzuhalten. Conformity with Wieland document UU-TOM-05/03 (list of prohibited / declarable hazardous substances) to be declared!

Freitoleranz nach General tolerance

CAD - Zeichnung, keine manuellen Änderungen
CAD - drawing, no manual modifications allowed

1.Verwendung: First Use: -

Blatt: Sheet: 1 von of 1

		Werkstoff/Material	2010	Tag/Date	Name	Zeichnung Nr./Drawing No.	Index
			gezeichnet drawn	27.08.	Schwabbauer	T 96.132.0053.0 01K	a
		Maßstab/Scale 1:1	geprüft checked	-	-		
			Normgepr. Stand. check	-	-	Maße in mm/Dimensions are in mm	
		Vol. mm³ Oft./Surf. mm²	Ersatz für/Replacement for: -				
a	15.12.2011/	wieland Elektrische Verbindungen	Type	Benennung/Title STECKERTEIL_MIT_ZUGENTLASTUNG RST2013C			
Index	Datum / Blatt Date / Sheet						
Änderung/Revision							

OU-PEM-08/91

96132005300 1K CADWIZ051 Ritter 2011-12-15T09:38:40 1.000