product data sheet

item no. 96.133.0053.0

connector RST20I3C B1 YR1 GL

RST20i3 Connector, angled 90°, 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



item no.	96.133.0053.0
EAN	4049088187117
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
marking of poles	L, N, PE
color of housing inclusive strain relief	light grey

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

material

housing material	polyamide
halogen free	yes
contact material	CuZn
fire load	0.323 kWh
insulation components continous temperature	100 °C
surface finish	silver-plated

dimensions

length	73.4 mm
width	34.6 mm
height	62.3 mm

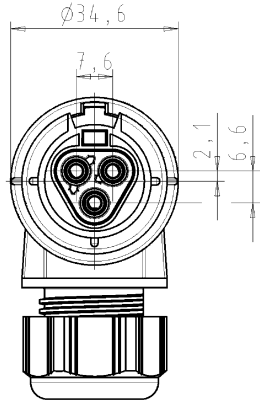
accessories

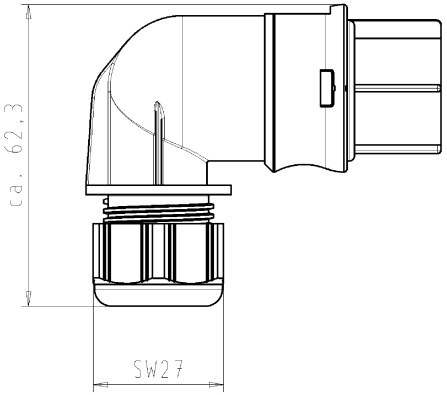
item no.	type	description
99.413.6205.2	cover for female connector GL	RST20i3/2 cover piece, for covering unused female connectors, with fastening belt, color light grey
Z5.564.4553.0	cover for female connector GL	RST20i3/2 cover piece, for covering unused female connectors, color light grey
02.122.9000.0	female contact CRIMP RST20i2/i3 1,0QMM	RST20i3/2 crimp contact, female, 20A, for cross section 1.0 mm²/AWG17
02.122.9100.0	female contact CRIMP RST20i2/i3 1,5QMM	RST20i3/2 crimp contact, female, 20A, for cross section 1.5 mm²/AWG16
02.122.9200.0	female contact CRIMP RST20i2/i3 2,5QMM	RST20i3/2 crimp contact, female, 20A, for cross section 2.5 mm²/AWG14
02.122.9300.0	female contact CRIMP RST20i2/i3 4,0QMM	RST20i3/2 crimp contact, female, 20A, for cross section 4.0 mm²/AWG12

assembly

item no.	type	description
96.233.1030.0	cable assembly RST20I3K1BS 25 10GL	RST20i3 connecting cable, female - male, number of poles 3, rated voltage 250 V, rated current 20 A, cable type H07RN-F, total length 1 m, nominal cross section conductor 2.5 mm², color of coding/ contact carrier light grey
96.136.2153.0	device connector RST20I3C S1 M13V GL	RST20i3 Device connector, modular, angled 7°, M16, number of poles 3, model male, connection type Crimp, rated voltage 250 V, rated current 20 A, color of coding/ contact carrier light grey
96.132.2153.0	device connector RST20I3C S1 M03V GL	RST20i3 Device connector, modular, straight, M16, number of poles 3, model male, connection type Crimp, rated voltage 250 V, rated current 20 A, color of coding/ contact carrier light grey
96.134.2053.0	device connector RST20I3C S1 M90V GL	RST20i3 Device connector, modular, angled 90°, M20, number of poles 3, model male, connection type Crimp, rated voltage 250 V, rated current 20 A, color of coding/ contact carrier light grey
96.132.2053.0	device connector RST20I3C S1 M00V GL	RST20i3 Device connector, modular, straight, M20, number of poles 3, model male, connection type Crimp, rated voltage 250 V, rated current 20 A, color of coding/ contact carrier light grey
96.132.0053.0	connector RST20I3C S1 ZR1 V GL	RST20i3 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

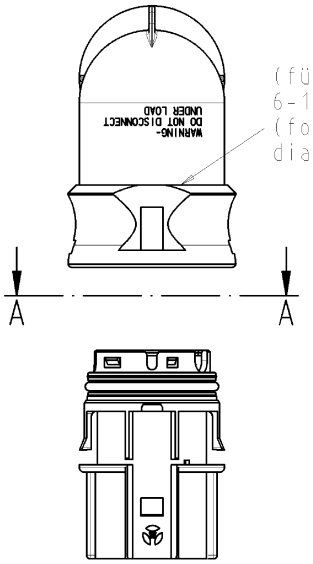
technical drawing



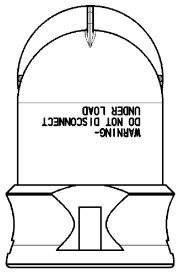


(wrench size 27)

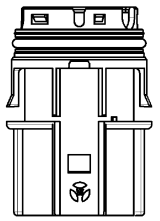
Auslieferungszustand
delivery status

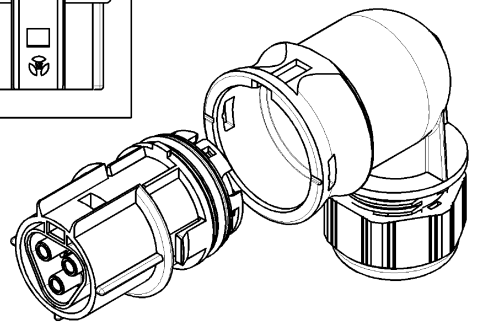


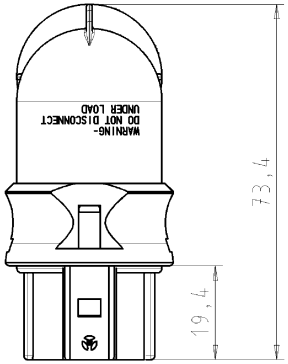
Bestellhinweis
order info



Bitte separat bestellen:
Buchsenkontakte
female contact
must be ordered separately:
02.122.9000.0 (0,75-1□)
02.122.9100.0 (1,5□)
02.122.9200.0 (2,5□)
02.122.9300.0 (4,0□)







Schnitt/section A-A



Type: RST2013C B1 YR1 GL SW

Verpackungseinheit: je 100 Stück
packaging unit: per 100 piece

Teile - Nr./ part number	Farbe/ colour
96.133.0053.0	lichtgrau/lightgray, ähnl./similar to RAL 7035
96.133.0053.1	schwarz/black, ähnl./similar to RAL 9005

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).

ja/yes ☒ 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

Maßstab/Scale 1:1

Vol. mm³ Oft./Surf. mm²

	Tag/Date	Name
2013		
gezeichnet drawn	03.01.	Ritter
geprüft checked	-	-
Normgepr. Stand. check	-	-

Zeichnung Nr./Drawing No. T 96.133.0053.0 01K Index

Maße in mm/Dimensions are in mm

Ersatz für/Replacement for: -

Index Datum / Blatt Date / Sheet Änderung/Revision

wieland Elektrische Verbindungen

Type

Benennung/Title

BUCHSENTEIL_M_ZUGENTL_90GRAD

Female Part with strain relief 90 degree
für Crimpanschluss/for crimp connection

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OU-PEM-08/91