product data sheet

item no. 96.134.0053.0

connector RST20I3C S1 YR1 V GL

RST20i3 Connector, angled 90°, 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.	96.134.0053.0
EAN	4049088187162
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	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	0.301 kWh
insulation components continous temperature	100 °C
surface finish	silver-plated

dimensions

length	70.5 mm
width	34.6 mm
height	62.3 mm

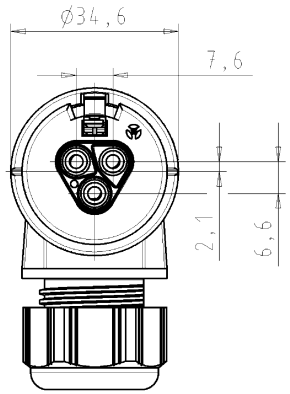
accessories

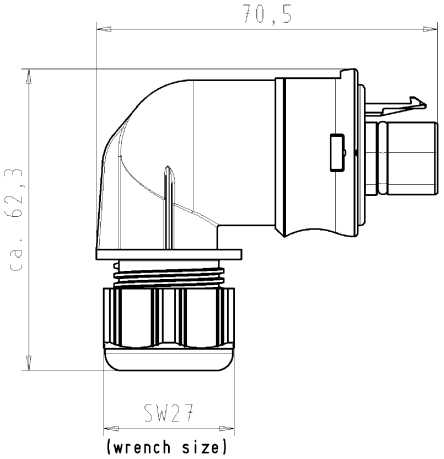
item no.	type	description
05.564.4453.0	cover for male connector GL	RST20i3/2 cover piece, for covering unused male connectors, color light grey
99.415.6205.2	cover for male connector GL	RST20i3/2 cover piece, for covering unused male connectors, with fastening belt, color light grey
05.544.7800.0	male 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

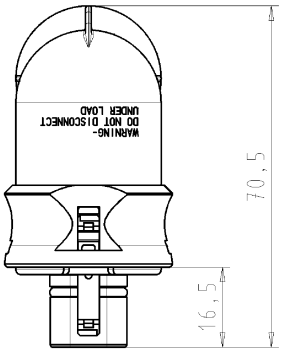
assembly

item no.	type	description
96.233.1030.0	cable assembly RST20I3K1BS 25 10GL	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
96.135.2153.0	device connector RST20I3C B1 M13 GL	RST20i3 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	RST20i3 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	RST20i3 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	RST20i3 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	RST20i3 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



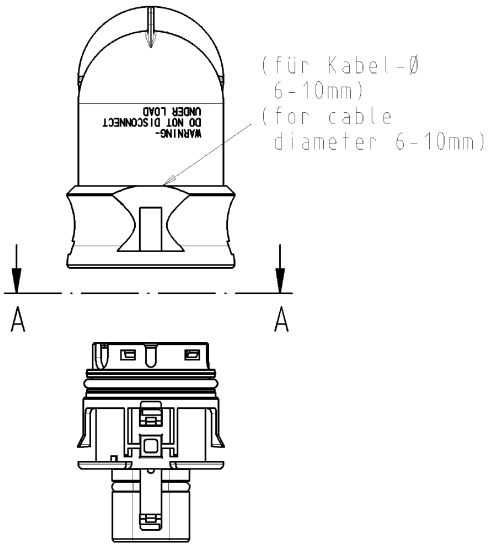




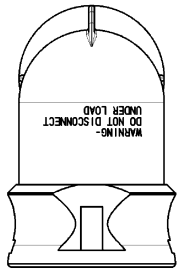
Schnitt/section A-A

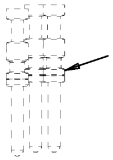


Auslieferungszustand
delivery status

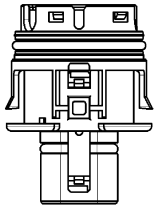


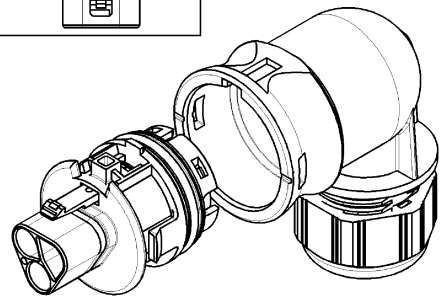
Bestellhinweis
order info





Bitte separat bestellen:
Steckerkontakte
male contacts
must be ordered separately:
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 □)





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.

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

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

Verpackungseinheit: je 100 Stück
packaging unit: per 100 piece

Teile - Nr. part number	Farbe colour
96.134.0053.0	lichtgrau/lightgray, ähnl./similar to RAL 7035
96.134.0053.1	schwarz/black, ähnl./similar to RAL 9005

Tolerierung 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: 1 von 1 / Sheet: 1 of 1

Werkstoff/Material

Maßstab/Scale 1:1

Vol. mm³ Oft./Surf. mm²

	Tag/Date	Name
2013		
gezeichnet drawn	04.01.	Ritter
geprüft checked	-	-
Normgepr. Stand. check	-	-

Zeichnung Nr./Drawing No.: T 96.134.0053.0 01K

Index

Maße in mm/Dimensions are in mm

Ersatz für/Replacement for: -

Type

Benennung/Title

STECKERTEIL_M_ZUGENTL_90GRAD

male connector with strain relief 90 degree

Typ: RST2DI3CS1_YR1_V__GL__

Index / Datum / Blatt / Date / Sheet

Änderung/Revision

wieland
Elektrische Verbindungen

OU-PEM-08/91

96134005300IK_2 CADW3025 Ritter 2013-01-10T10:43:52 1.000