product data sheet

item no. 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

item no.	96.131.0053.0
EAN	4049088140204
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	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	0.289 kWh/St
insulation components continous temperature	100 °C
surface finish	silver-plated

dimensions

length	82 mm
width	34.6 mm
height	34.6 mm

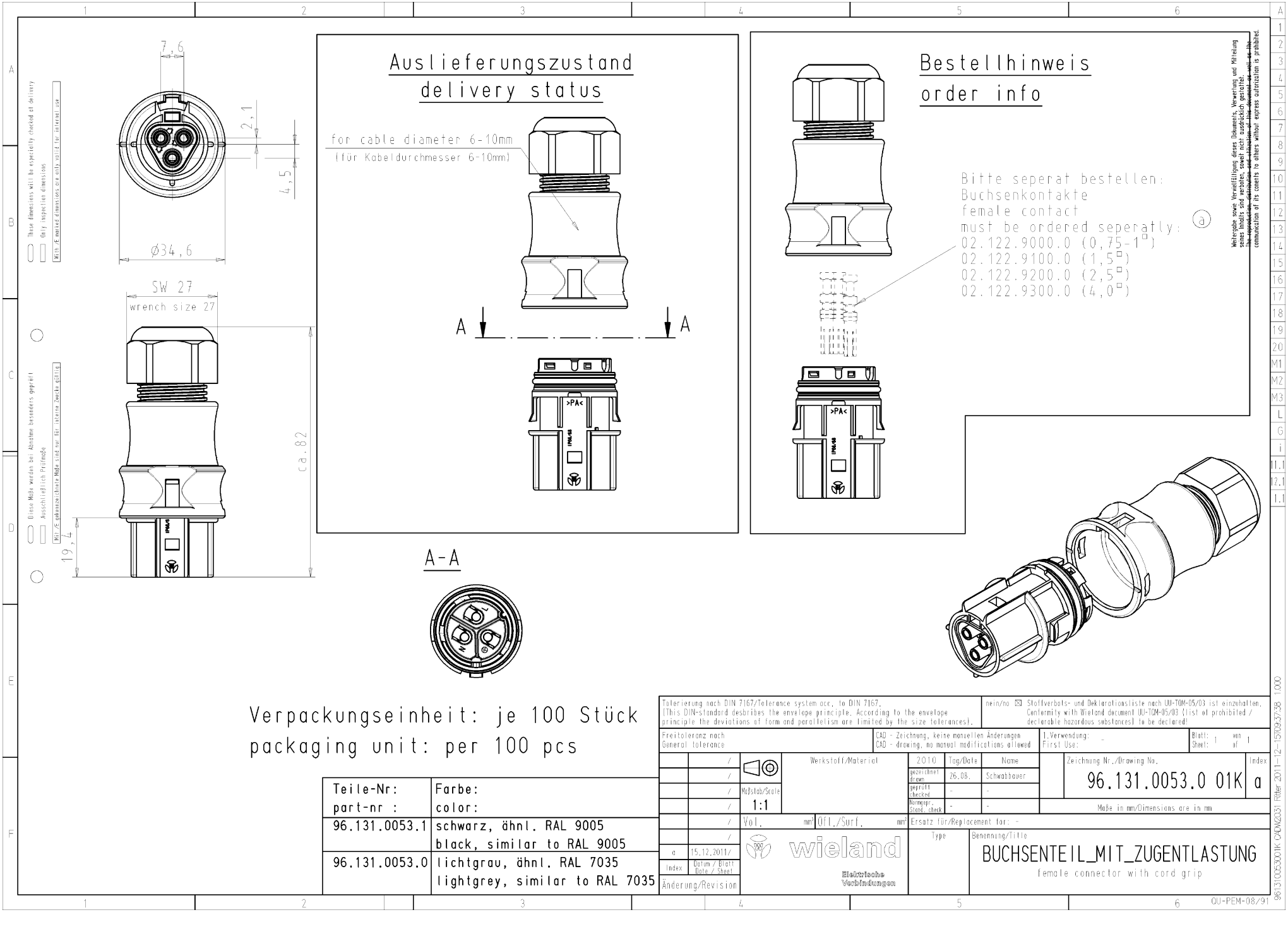
accessories

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	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
96.136.2153.0	device connector RST20I3C S1 M13V GL	RST® CLASSIC 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	RST® CLASSIC 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	RST® CLASSIC 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	RST® CLASSIC 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

technical drawing



Verpackungseinheit: je 100 Stück
packaging unit: per 100 pcs

Teile-Nr: part-nr :	Farbe: color:
96.131.0053.1	schwarz, ähnl. RAL 9005 black, similar to RAL 9005
96.131.0053.0	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: 1 von 1 / Sheet: 1 of 1

Werkstoff/Material

Maßstab/Scale 1:1

Vol. mm³ Oft./Surf. mm²

Ersatz für/Replacement for: -

	2010	Tag/Date	Name
gezeichnet / drawn		26.08.	Schwabbauer
geprüft / checked		-	-
Normgepr. Stand. check		-	-

Zeichnung Nr./Drawing No. 96.131.0053.0 01K Index a

Maße in mm/Dimensions are in mm

Index	Datum / Blatt Date / Sheet	Änderung/Revision
a	15.12.2011/	

wieland
Elektrische Verbindungen

Type

Benennung/Title
BUCHSENTEIL_MIT_ZUGENTLASTUNG
female connector with cord grip

OU-PEM-08/91

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