product data sheet

item no. 96.173.2053.9

device connector RST20I7C B1 M90V BL07

RST20i7 Device connector, modular, angled 90°, M20, number of poles 7, model female, connection type Crimp, rated voltage 250 V / 400 V, rated current 20 A, color of coding/ contact carrier light blue



item no.	96.173.2053.9
EAN	4049088425073
order unit	100 piece(s)

certificates / approvals

technical data

note

note	crimp contacts have to ordered separately (under fits with)positioning realised with flattened thread3 poles max. 20A, 4 poles max. 5A

general

rated current	20 A
rated voltage	250 V / 400 V
pollution degree	3
rated impulse voltage	4 kV
continuity resistor	0.65 mOhm
lockable	self-locking (unlocking by tool)
color of coding/ contact carrier	light blue
marking of poles	1, 2, 3, 4/N, 5, 6, 7
color of separate adapter (if present)	black

connection data

connection cross section fine stranded mm² max.	2.5 mm²
connection cross section fine stranded mm² min.	0.75 mm²
terminations per pole	1
wire strip length	7 mm

model

model	female
connection type	crimp
connecting thread metric	M20
angle of plug	square
inclination	90 °
degree of protection (IP)	IP66/68 (3m;2h) /IP69
thickness of housings (electrical device) 2	0.5 mm
thickness of housings (electrical device)	8 mm

material

housing material	polyamide
halogen free	yes
contact material	CuZn
fire load	0.267 kWh
insulation components continous temperature	100 °C
surface finish	silver-plated

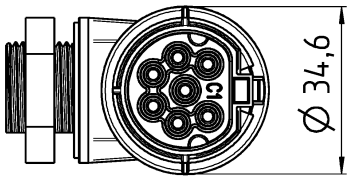
dimensions

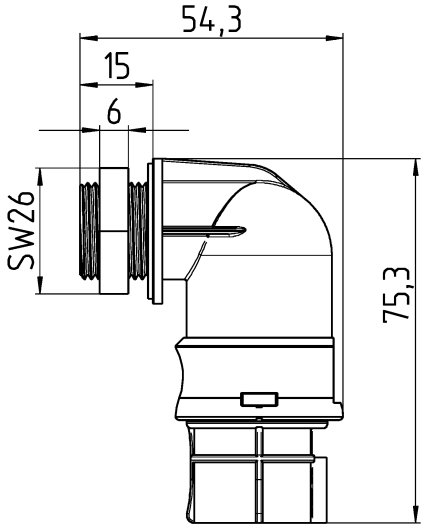
length	75.3 mm
width	34.6 mm
height	54.3 mm

accessories

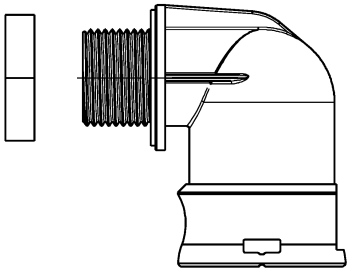
item no.	type	description
06.562.8753.0	manual disconnect RST20i7 BG	Manual disconnect for later installation of RST20i7/i6 connectors, color concrete gray
02.127.1121.8	female contact CRIMP RST20i6/i7 1,0QMM	RST20i7/6 crimp contact, female, 20A, for cross section 0.75 mm² - 1.0 mm²
02.127.1221.8	female contact CRIMP RST20i6/i7 1,5QMM	RST20i7/6 crimp contact, female, 20A, for cross section 0.75 mm² - 1.5 mm²
02.127.1321.8	female contact CRIMP RST20i6/i7 2,5QMM	RST20i7/6 crimp contact, female, 20A, for cross section 2.5 mm²
99.589.0000.7	cover for female connector SW	RST20i7/6 cover piece, for covering unused female connectors, with fastening belt, color black
Z5.569.5253.1	cover for female connector SW	RST20i7/6 cover piece, for covering unused female connectors, color black

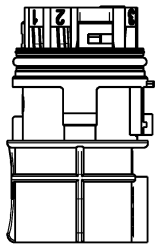
technical drawing

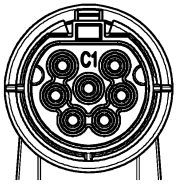
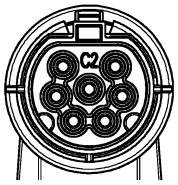
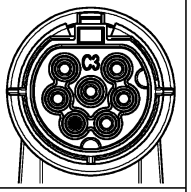
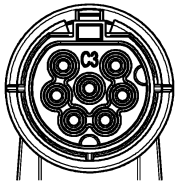




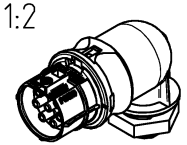
Auslieferungszustand
/delivery status





Teile-Nr./ Part no.	Typ/ Type	Kodierung/ coding
96.173.2053.0	RST20I7C B1 M90V GL	
96.173.2053.1	RST20I7C B1 M90V SW	
96.173.2053.9	RST20I7C B1 M90V BL07	
96.163.2053.6	RST20I6C B1 M90V TB04	
96.173.2053.6	RST20I7C B1 M90V TB04	

1:2



● = Pol verschlossen /pole closed

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

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Tolerierung Size ISO 14405 Ⓔ / Tolerance system Size ISO 14405 Ⓔ.
(This ISO-standard describes 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 WN 5020.010 ist einzuhalten. Conformity with Wieland document WN 5020.010 e (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

	Tag/Date	Name
gezeichnet drawn	17.11.2017	Hollet
geprüft checked		
Normgeor. Stand. check		

Zeichnung Nr. / Drawing No.: 96.173.2053.0 13K

Index: a

Maße in mm / Dimensions are in mm

Vol. mm³ Oft./Srf. mm²

Ersatz für / Replacement for:

Index	Datum / Blatt Date / Sheet	Änderung / Revision
a.	14.05.2018 /	

wieland
www.wieland-electric.com

Type: RST20

Bennenung/Title: BU_CRIMP
female, crimp