product data sheet

item no. 96.172.0053.9

connector RST20I7C S1 ZR1 BL07

RST20i7 Connector, straight, number of poles 7, male, connection type Crimp, rated voltage 250 V / 400 V, rated current 20 A, cable diameter 6 - 10 mm, color of coding/ contact carrier light blue



item no.	96.172.0053.9
EAN	4049088424861
order unit	100 piece(s)

certificates / approvals

technical data

note

note	crimp contacts have to ordered separately (under fits with)3 poles max. 20A, 4 poles max. 5A

general

rated current	20 A
rated voltage	250 V / 400 V
rated impulse voltage	4 kV
strain relief	yes
pollution degree	3
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 housing inclusive strain relief	black

connection data

cable diameter max.	10 mm
cable diameter min.	6 mm
connection cross section fine stranded mm² max.	2.5 mm²
connection cross section fine stranded mm² min.	0.75 mm²
terminations per pole	1
sheath strip length	32 mm
wire strip length	7 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	0.313 kWh
insulation components continous temperature	100 °C
surface finish	silver-plated

dimensions

length	80 mm
width	34.6 mm
height	34.6 mm

accessories

item no.	type	description
05.546.3921.8	male contact CRIMP RST20i6/i7 1,0QMM	RST20i7/6 crimp contact, male, 20A, for cross section 0.75 mm² - 1.0 mm²
05.546.4021.8	male contact CRIMP RST20i6/i7 1,5QMM	RST20i7/6 crimp contact, male, 20A, for cross section 1.5 mm²
05.546.4121.8	male contact CRIMP RST20i6/i7 2,5QMM	RST20i7/6 crimp contact, male, 20A, for cross section 2.5 mm²
99.591.0000.7	cover for male connector SW	RST20i7/6 cover piece, for covering unused male connectors, with fastening belt, color black
Z5.569.5353.1	cover for male connector SW	RST20i7/6 cover piece, for covering unused male connectors, color black

assembly

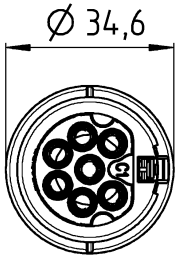
item no.	type	description
96.171.0053.9	connector RST20I7C B1 ZR1 BL07	RST20i7 Connector, straight, number of poles 7, female, connection type Crimp, rated voltage 250 V / 400 V, rated current 20 A, cable diameter 6 - 10 mm, color of coding/ contact carrier light blue
96.173.2053.9	device connector RST20I7C 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
96.171.2153.9	device connector RST20I7C B1 M03V BL07	RST20i7 Device connector, modular, straight, M16, number of poles 7, model female, connection type Crimp, rated voltage 250 V, rated current 20 A, color of coding/ contact carrier light blue
9L.171.2153.9	device connector RST20I7C 11 M03V BL07	RST20i7 Device connector, modular, straight, M16, number of poles 7, model female, connection type Crimp, rated voltage 250 V, rated current 20 A, longitudinal sealing yes, color of coding/ contact carrier light blue
96.171.2053.9	device connector RST20I7C B1 M00V BL07	RST20i7 Device connector, modular, straight, 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
9L.171.2053.9	device connector RST20I7C 11 M00V BL07	RST20i7 Device connector, modular, straight, M20, number of poles 7, model female, connection type Crimp, rated voltage 250 V / 400 V, rated current 20 A, longitudinal sealing yes, color of coding/ contact carrier light blue
96.173.2253.9	device connector RST20I7C B1 M91V BL07	RST20i7 Device connector, modular, angled 90°, M25, 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
96.175.2153.9	device connector RST20I7C B1 M13V BL07	RST20i7 Device connector, modular, angled 7°, M16, 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
96.171.2253.9	device connector RST20I7C B1 M01V BL07	RST20i7 Device connector, modular, straight, M25, 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
9L.171.2253.9	device connector RST20I7C B1 M01V BL07	RST20i7 Device connector, modular, straight, M25, number of poles 7, model female, connection type Crimp, rated voltage 250 V / 400 V, rated current 20 A, longitudinal sealing yes, color of coding/ contact carrier light blue

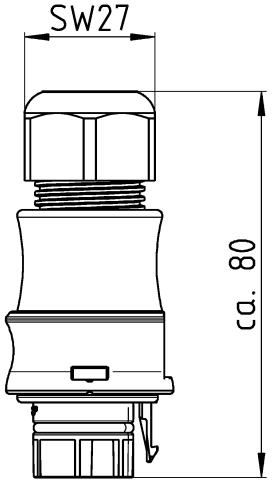
technical drawing

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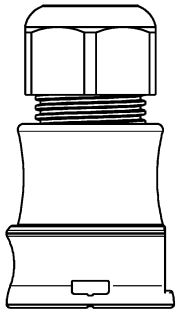
These dimensions will be especially checked at delivery
Only inspection dimensions
With /E marked dimensions are only valid for internal use

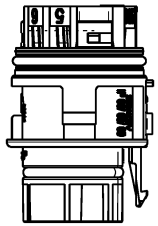
Diese Maße werden bei Abnahme besonders geprüft
Ausschließlich Prüfmaße
Mit /E gekennzeichnete Maße sind nur für interne Zwecke gültig

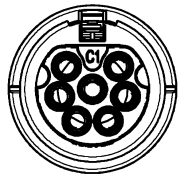
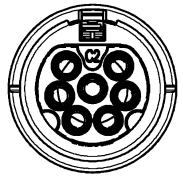
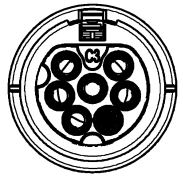
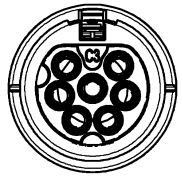




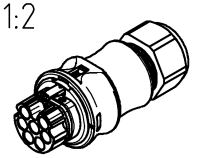
Auslieferungszustand
/delivery status





Teile-Nr./ Part no.	Typ/ Type	Kodierung/ coding
96.172.0053.0	RST20I7C S1 ZR1 GL	
96.172.0053.1	RST20I7C S1 ZR1 SW	
96.172.0053.9	RST20I7C S1 ZR1 BL07	
96.162.0053.6	RST20I6C S1 ZR1 TB04	
96.172.0053.6	RST20I7C S1 ZR1 TB04	

1:2



● = Pol verschlossen /pole closed

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

				Tag/Date	Name
/		Werkstoff / Material	gezeichnet drawn	17.11.2017	Hollet
/			geprüft checked		
/	Maßstab / Scale 1:1		Normgeor. Stand. check		
/	Vol. mm³	Oft./Srf. mm²			
/					
a	14.05.2018 /				
Index	Datum / Blatt Date / Sheet				
Änderung / Revision					

Zeichnung Nr. / Drawing No. 96.172.0053.0 13K — Index a

Maße in mm / Dimensions are in mm

Ersatz für / Replacement for:

wieland
www.wieland-electric.com

Type RST20I

Bennenung/Title
ST_CRIMP
male, crimp