product data sheet

item no. 96.161.0553.6

connector RST20I6C B1 ZR3 TB04

RST20i6 Connector, straight, number of poles 6, female, connection type Crimp, rated voltage 250 V / 400 V, rated current 20 A, cable diameter 13 - 18 mm, color of coding/ contact carrier turquoise blue



item no.	96.161.0553.6
EAN	4049088424519
order unit	100 piece(s)

certificates / approvals

technical data

note

note	crimp contacts have to ordered separately (under fits with)3 poles max. 20A, 3 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	turquoise blue
marking of poles	L, N, PE, 1, 2, Ls
color of housing inclusive strain relief	black

connection data

cable diameter max.	18 mm
cable diameter min.	13 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	39 mm
wire strip length	7 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	0.393 kWh
insulation components continous temperature	100 °C
surface finish	silver-plated

dimensions

length	102 mm
width	35.4 mm
height	35.4 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

assembly

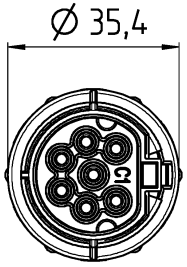
item no.	type	description
96.162.2153.6	device connector RST20I6C S1 M03V TB04	RST20i6 Device connector, modular, straight, M16, number of poles 6, model male, connection type Crimp, rated voltage 250 V / 400 V, rated current 20 A, color of coding/ contact carrier turquoise blue
9L.162.2153.6	device connector RST20I6C 21 M03V TB04	RST20i6 Device connector, modular, straight, M16, number of poles 6, model male, connection type Crimp, rated voltage 250 V / 400 V, rated current 20 A, longitudinal sealing yes, color of coding/ contact carrier turquoise blue
96.162.2053.6	device connector RST20I6C S1 M00V TB04	RST20i6 Device connector, modular, straight, M20, number of poles 6, model male, connection type Crimp, rated voltage 250 V / 400 V, rated current 20 A, color of coding/ contact carrier turquoise blue
9L.162.2053.6	device connector RST20I6C 21 M00V TB04	RST20i6 Device connector, modular, straight, M20, number of poles 6, model male, connection type Crimp, rated voltage 250 V / 400 V, rated current 20 A, longitudinal sealing yes, color of coding/ contact carrier turquoise blue
96.164.2053.6	device connector RST20I6C S1 M90V TB04	RST20i6 Device connector, modular, angled 90°, M20, number of poles 6, model male, connection type Crimp, rated voltage 250 V / 400 V, rated current 20 A, color of coding/ contact carrier turquoise blue
96.164.2253.6	device connector RST20I6C S1 M91V TB04	RST20i6 Device connector, modular, angled 90°, M25, number of poles 6, model male, connection type Crimp, rated voltage 250 V / 400 V, rated current 20 A, color of coding/ contact carrier turquoise blue
96.166.2153.6	device connector RST20I6C S1 M13V TB04	RST20i6 Device connector, modular, angled 7°, M16, number of poles 6, model male, connection type Crimp, rated voltage 250 V / 400 V, rated current 20 A, color of coding/ contact carrier turquoise blue
96.162.2253.6	device connector RST20I6C S1 M01V TB04	RST20i6 Device connector, modular, straight, M25, number of poles 6, model male, connection type Crimp, rated voltage 250 V / 400 V, rated current 20 A, color of coding/ contact carrier turquoise blue
9L.162.2253.6	device connector RST20I6C 21 M01V TB04	RST20i6 Device connector, modular, straight, M25, number of poles 6, model male, connection type Crimp, rated voltage 250 V / 400 V, rated current 20 A, longitudinal sealing yes, color of coding/ contact carrier turquoise blue

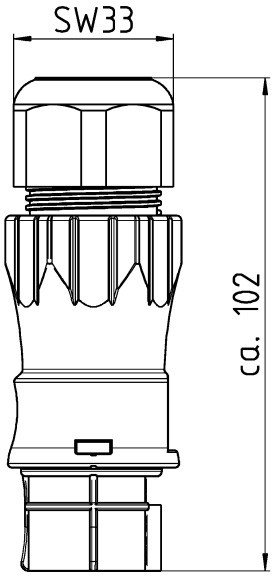
technical drawing

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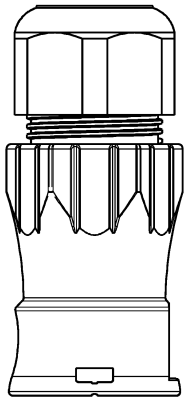
These dimensions will be especially checked at delivery
Only inspection dimensions
With /E marked dimensions are only valid for internal use

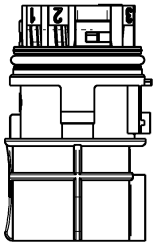
Diese Maße werden bei Abnahme besonders geprüft
Ausschließlich Prüfmaße
Mit /E gekennzeichnete Maße sind nur für interne Zwecke gültig

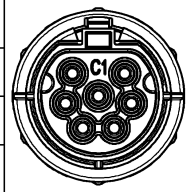
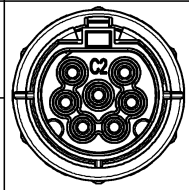
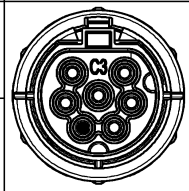
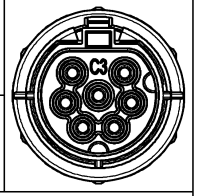




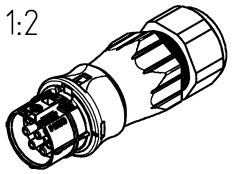
Auslieferungszustand
/delivery status





Teile-Nr./ Part no.	Typ/ Type		Kodierung/ coding
96.171.0553.0	RST20I7C B1 ZR3	GL	
96.171.0553.1	RST20I7C B1 ZR3	SW	
9L.171.0553.0	RST20I7C 11 ZR3	GL	
9L.171.0553.1	RST20I7C 11 ZR3	SW	
96.171.0553.9	RST20I7C B1 ZR3	BL07	
9L.171.0553.9	RST20I7C 11 ZR3	BL07	
96.161.0553.6	RST20I6C B1 ZR3	TB04	
9L.161.0553.6	RST20I6C 11 ZR3	TB04	
96.171.0553.6	RST20I7C B1 ZR3	TB04	
9L.171.0553.6	RST20I7C 11 ZR3	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

Werkstoff / Material

Maßstab / Scale: 1:1

Vol. mm³ Oft./Srf. mm²

Ersatz für / Replacement for:

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

Zeichnung Nr. / Drawing No.: 96.171.0553.0 13K

Index: a

Maße in mm / Dimensions are in mm

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

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Type: RST20I

Bennenung/Title: BU_CRIMP
female, crimp