product data sheet

item no. 96.162.0053.6

connector RST20I6C S1 ZR1 TB04

RST® CLASSIC connector, straight, number of poles 6, male, connection type crimp, rated voltage 250 V / 400 V, rated current 20 A, cable diameter 6 - 10 mm, color of coding/ contact carrier turquoise blue



item no.	96.162.0053.6
EAN	4049088424540
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
RAL-Nummer Codierung/Kontakteinsatz	5018

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	0.308 kWh/St
insulation components continous temperature	100 °C
surface finish	silver-plated

dimensions

length	80 mm
width	34.6 mm
height	34.6 mm

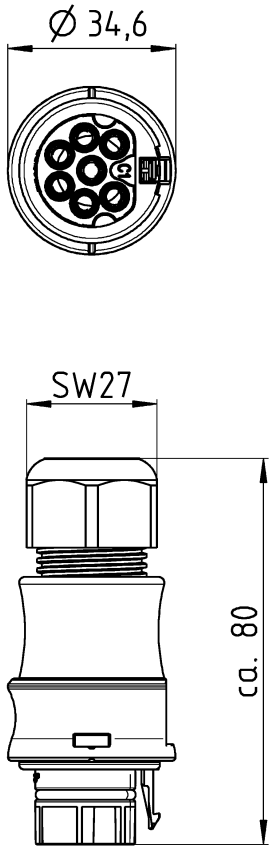
accessories

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

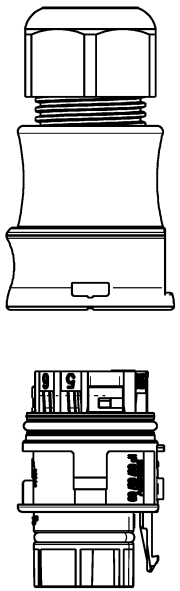
assembly

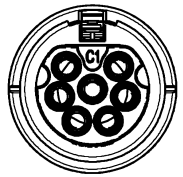
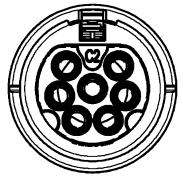
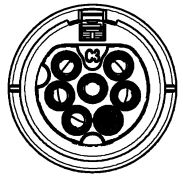
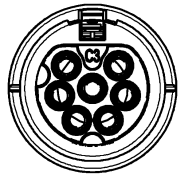
item no.	type	description
96.161.0053.6	connector RST20I6C B1 ZR1 TB04	RST® CLASSIC connector, straight, number of poles 6, female, connection type crimp, rated voltage 250 V / 400 V, rated current 20 A, cable diameter 6 - 10 mm, color of coding/ contact carrier turquoise blue
96.161.2153.6	device connector RST20I6C B1 M03V TB04	RST® CLASSIC device connector, modular, straight, M16, number of poles 6, model female, connection type crimp, rated voltage 250 V / 400 V, rated current 20 A, color of coding/ contact carrier turquoise blue
9L.161.2153.6	device connector RST20I6C 11 M03V TB04	RST® CLASSIC device connector, modular, straight, M16, number of poles 6, model female, connection type crimp, rated voltage 250 V / 400 V, rated current 20 A, longitudinal sealing yes, color of coding/ contact carrier turquoise blue
96.161.2053.6	device connector RST20I6C B1 M00V TB04	RST® CLASSIC device connector, modular, straight, M20, number of poles 6, model female, connection type crimp, rated voltage 250 V / 400 V, rated current 20 A, color of coding/ contact carrier turquoise blue
9L.161.2053.6	device connector RST20I6C 11 M00V TB04	RST® CLASSIC device connector, modular, straight, M20, number of poles 6, model female, connection type crimp, rated voltage 250 V / 400 V, rated current 20 A, longitudinal sealing yes, color of coding/ contact carrier turquoise blue
96.163.2053.6	device connector RST20I6C B1 M90V TB04	RST® CLASSIC device connector, modular, angled 90°, M20, number of poles 6, model female, connection type crimp, rated voltage 250 V / 400 V, rated current 20 A, color of coding/ contact carrier turquoise blue
96.163.2253.6	device connector RST20I6C B1 M91V TB04	RST® CLASSIC device connector, modular, angled 90°, M25, number of poles 6, model female, connection type crimp, rated voltage 250 V / 400 V, rated current 20 A, color of coding/ contact carrier turquoise blue
96.165.2153.6	device connector RST20I6C B1 M13V TB04	RST® CLASSIC device connector, modular, angled 7°, M16, number of poles 6, model female, connection type crimp, rated voltage 250 V / 400 V, rated current 20 A, color of coding/ contact carrier turquoise blue
96.161.2253.6	device connector RST20I6C B1 M01V TB04	RST® CLASSIC device connector, modular, straight, M25, number of poles 6, model female, connection type crimp, rated voltage 250 V / 400 V, rated current 20 A, color of coding/ contact carrier turquoise blue
9L.161.2253.6	device connector RST20I6C 11 M01V TB04	RST® CLASSIC device connector, modular, straight, M25, number of poles 6, model female, 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

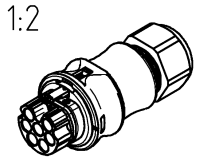


Auslieferungszustand
/delivery status



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 envolope principle. According to the envolope 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: Sheet: 1 von of 1

/	Werkstoff / Material		Tag/Date	Name	Zeichnung Nr. / Drawing No.	Index
/		gezeichnet drawn	17.11.2017	Hollet	96.172.0053.0 13K	a
/	Maßstab / Scale 1:1	geprüft checked				
/		Normgepr. Stand. check			Maße in mm / Dimensions are in mm	
/	Vol. mm³	Ofl./Srf. mm²	Ersatz für / Replacement for:			
/			Type	Bennenung/Title		
a 14.05.2018 /	wieland www.wieland-electric.com		RST20I	ST_CRIMP male, crimp		
Index Datum / Blatt Date / Sheet						
Änderung / Revision						

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