product data sheet

item no. 96.062.4853.6

connector RST20I6S S1 ZR6 TB04

RST® CLASSIC connector, straight, number of poles 6, male, connection type screw connection, rated voltage 250 V / 400 V, rated current 20 A, cable diameter 8 - 13 mm, color of coding/ contact carrier turquoise blue



item no.	96.062.4853.6
EAN	4049088597473
order unit	100 piece(s)

certificates / approvals

technical data

note

note	wires with 2.5 mm² only without ferrules3 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
Pole codification	L, N, PE, 1, 2, Ls
color of housing inclusive strain relief	black
RAL-Nummer Codierung/Kontakteinsatz	5018

connection data

cable diameter max.	13 mm
cable diameter min.	8 mm
connection cross section solid mm² max.	1.5 mm²
connection cross section solid mm² min.	0.2 mm²
connection cross section fine stranded mm² max.	2.5 mm²
connection cross section fine stranded mm² min.	0.2 mm²
terminations per pole	1
sheath strip length	37 mm
wire strip length	8 mm

model

model	male
connection type	screw connection
degree of protection (IP)	IP66/68 (3m;2h) /IP69

material

housing material	polyamide
halogen free	yes
contact material	CuZn
fire load	0 kWh/St
insulation components continous temperature	100 °C
surface finish	silver-plated

dimensions

length	98 mm
width	35.4 mm
height	35.4 mm

accessories

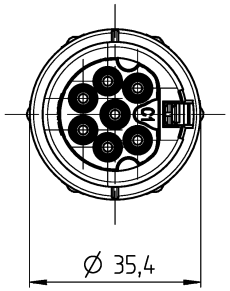
item no.	type	description
99.591.0000.7	cover for male connector SW	RST20i7/6 cover piece, for covering unused male connectors, with fastening belt, color black
Z5.569.5353.1	cover for male connector SW	RST20i7/6 cover piece, for covering unused male connectors, color black

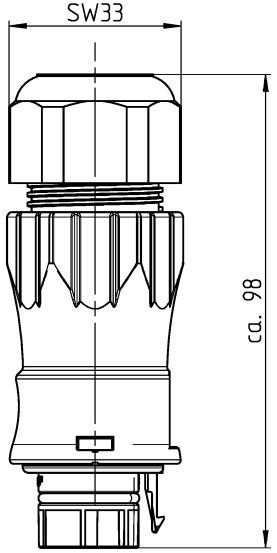
assembly

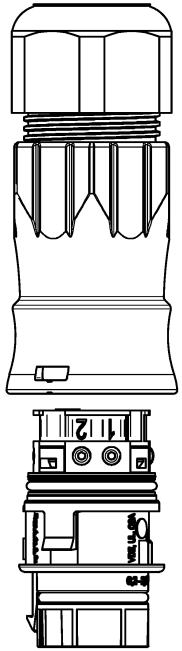
item no.	type	description
96.061.6353.6	device connector RST20I6S B1 M02V TB04	RST® CLASSIC device connector, modular, straight, M32, number of poles 6, model female, connection type screw connection, rated voltage 250 V / 400 V, rated current 20 A, color of coding/ contact carrier turquoise blue
9L.061.6353.6	device connector RST20I6S 11 M02V TB04	RST® CLASSIC device connector, modular, straight, M32, number of poles 6, model female, connection type screw connection, rated voltage 250 V / 400 V, rated current 20 A, longitudinal sealing yes, color of coding/ contact carrier turquoise blue

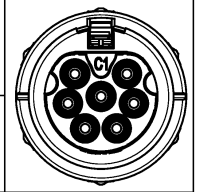
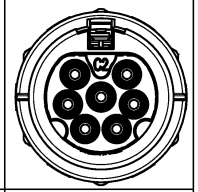
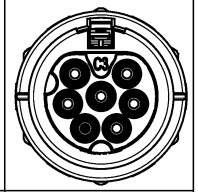
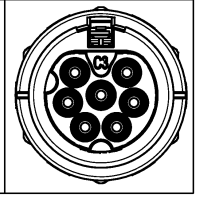
technical drawing

Auslieferungszustand
/delivery status

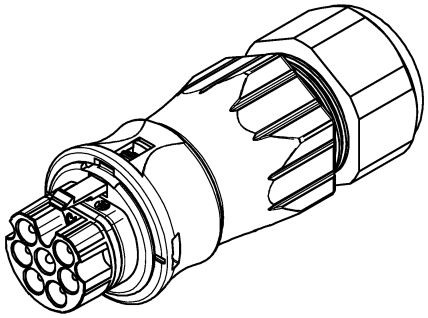






Teile-Nr./ Part no.	Typ/ Type	Kodierung/ coding
96.072.4853.0	RST20I7S S1 ZR7 GL	
96.072.4853.1	RST20I7S S1 ZR7 SW	
96.072.4853.9	RST20I7S S1 ZR7 BL07	
96.062.4853.6	RST2016S S1 ZR7 TB04	
96.072.4853.6	RST20I7S S1 ZR7 TB04	

● Polverschluss
/pole cap



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

Weitergabe sowie Vervielfältigung dieses Dokuments, Verwertung und Mitteilung seines Inhalts sind verboten, soweit nicht ausdrücklich gestattet.
The reproduction, distribution and utilization of this document as well as the communication of its contents to others without express authorization is prohibited.

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		Tag/Date	Name	Zeichnung Nr. / Drawing No.		Index
	/		gezeichnet drawn	12.10.2020	Neudecker	T	96.072.4853.0 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	08.02.2021 /	wieland www.wieland-electric.com	RST20I	ST_SCHRAUB				
Index	Datum / Blatt Date / Sheet			ohne Drahtschutz				
Änderung / Revision				/male, screw connection without wire protection				