product data sheet

item no. 96.072.4853.1

connector RST20I7S S1 ZR6 SW

RST® CLASSIC connector, straight, number of poles 7, 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 black



item no.	96.072.4853.1
EAN	4049088597442
order unit	100 piece(s)

certificates / approvals

technical data

note

note	wires with 2.5 mm² only without ferrules3 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	black
Pole codification	1, 2, 3, 4/N, 5, 6, PE
color of housing inclusive strain relief	black
RAL-Nummer Codierung/Kontakteinsatz	9005

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

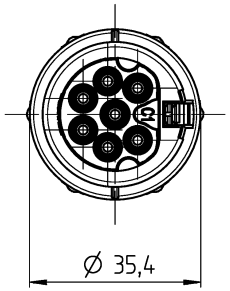
item no.	type	description
99.591.0000.7	cover for male connector SW	RST20i7/6 cover piece, for covering unused male connectors, with fastening belt, color black
Z5.569.5353.1	cover for male connector SW	RST20i7/6 cover piece, for covering unused male connectors, color black

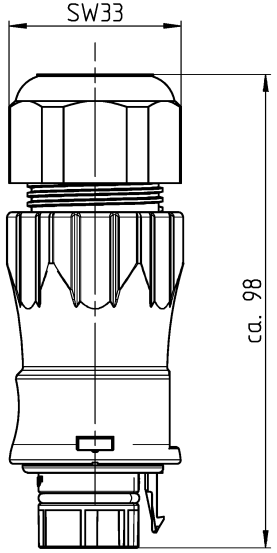
assembly

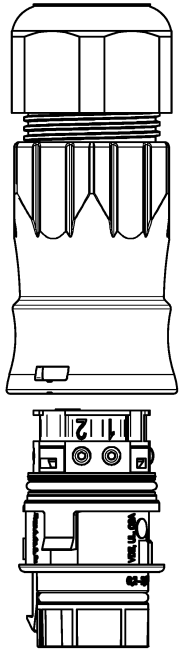
item no.	type	description
96.071.6353.1	device connector RST20I7S B1 M02V SW	RST® CLASSIC device connector, modular, straight, M32, number of poles 7, model female, connection type screw connection, rated voltage 250 V / 400 V, rated current 20 A, color of coding/ contact carrier black
9L.071.6353.1	device connector RST20I7S 11 M02V SW	RST® CLASSIC device connector, modular, straight, M32, number of poles 7, model female, connection type screw connection, rated voltage 250 V / 400 V, rated current 20 A, longitudinal sealing yes, color of coding/ contact carrier black
9L.071.4853.1	connector RST20I7S 11 ZR6 SW	RST® CLASSIC connector, straight, number of poles 7, female, connection type screw connection, rated voltage 250 V / 400 V, rated current 20 A, cable diameter 8 - 13 mm, longitudinal sealing yes, color of coding/ contact carrier black

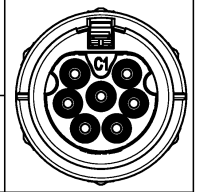
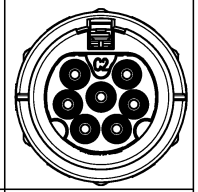
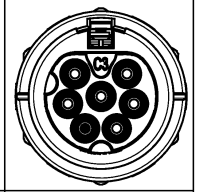
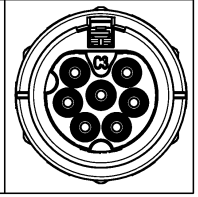
technical drawing

Auslieferungszustand
/delivery status

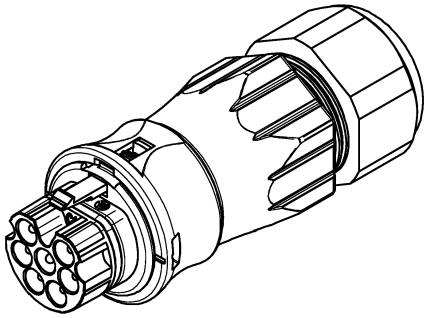






Teile-Nr./ Part no.	Typ/ Type	Kodierung/ coding
96.072.4853.0	RST20I7S S1 ZR7 GL	
96.072.4853.1	RST20I7S S1 ZR7 SW	
96.072.4853.9	RST20I7S S1 ZR7 BL07	
96.062.4853.6	RST2016S S1 ZR7 TB04	
96.072.4853.6	RST20I7S S1 ZR7 TB04	

● 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

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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		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				