product data sheet

item no. 96.071.4853.1

connector RST20I7S B1 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, color of coding/ contact carrier black



item no.	96.071.4853.1
EAN	4049088597343
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	female
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	102 mm
width	35.4 mm
height	35.4 mm

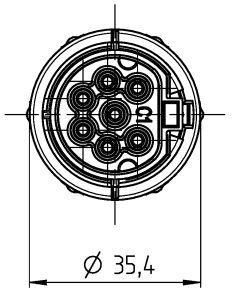
accessories

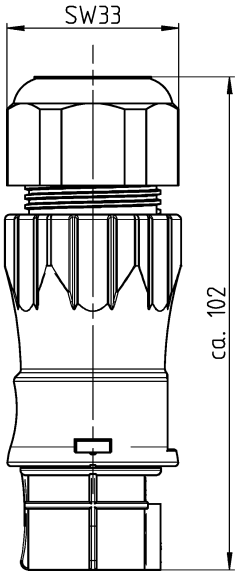
item no.	type	description
99.589.0000.7	cover for female connector SW	RST20i7/6 cover piece, for covering unused female connectors, with fastening belt, color black
Z5.569.5253.1	cover for female connector SW	RST20i7/6 cover piece, for covering unused female connectors, color black

assembly

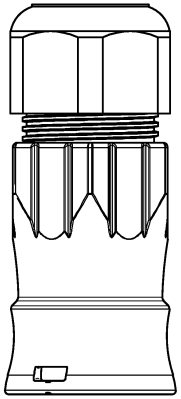
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9L.072.6353.1	device connector RST20I7S 21 M02V SW	RST® CLASSIC device connector, modular, straight, M32, number of poles 7, model male, connection type screw connection, rated voltage 250 V / 400 V, rated current 20 A, longitudinal sealing yes, color of coding/ contact carrier black
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

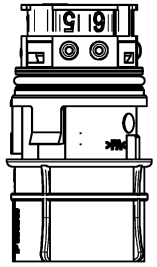
technical drawing

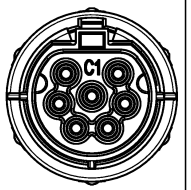
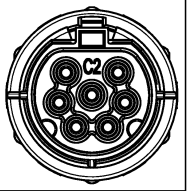
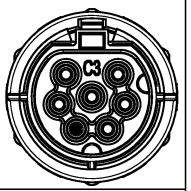
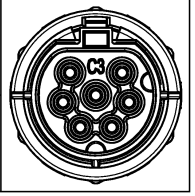




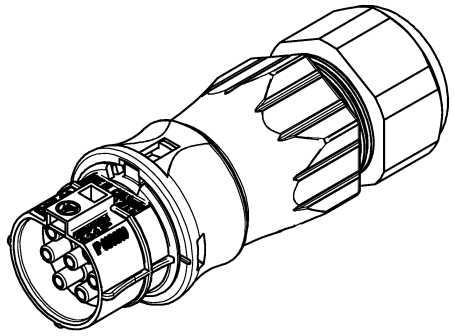
Auslieferungszustand /delivery status





Teile-Nr./ Part no.	Typ/ Type		Kodierung/ coding
96.071.4853.0	RST20I7S B1 ZR7	GL	
96.071.4853.1	RST20I7S B1 ZR7	SW	
9L.071.4853.0	RST20I7S 11 ZR7	GL	
9L.071.4853.1	RST20I7S 11 ZR7	SW	
96.071.4853.9	RST20I7S B1 ZR7	BL07	
9L.071.4853.9	RST20I7S 11 ZR7	BL07	
96.061.4853.6	RST20I6S B1 ZR7	TB04	
9L.061.4853.6	RST20I6S 11 ZR7	TB04	
96.071.4853.6	RST20I7S B1 ZR7	TB04	
9L.071.4853.6	RST20I7S 11 ZR7	TB04	

● Polverschluss /pole cap



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☐ Only inspection dimensions
With /E marked dimensions are only valid for internal use

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

Toleranz 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 96.071.4853.0 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	BU_SCHRAUB ohne Drahtschutz /female, screw connection without wire protection			
Index	Datum / Blatt Date / Sheet							
Änderung / Revision								