product data sheet

item no. 96.071.4253.1

connector RST20I7 B1 ZRX SW

RST® CLASSIC connector, splitter connector, number of poles 7, female, connection type screw connection, rated voltage 250 V / 400 V, rated current 20 A, cable diameter 6 - 10 mm, color of coding/ contact carrier black



item no.	96.071.4253.1
EAN	4049088423901
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.	10 mm
cable diameter min.	6 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	40 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	0.548 kWh/St
insulation components continous temperature	100 °C
surface finish	silver-plated

dimensions

length	99 mm
width	59 mm
height	38 mm

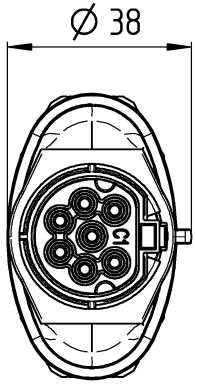
accessories

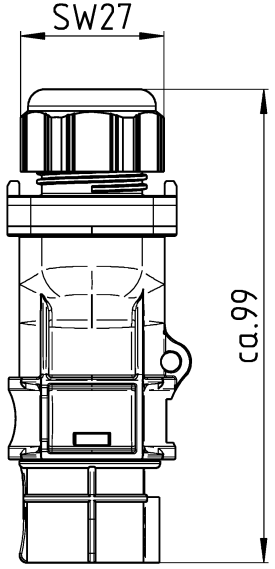
item no.	type	description
06.562.8753.0	manual disconnect RST20i7 BG	Manual disconnect for later installation of RST20i7/i6 connectors, color concrete gray
99.589.0000.7	cover for female connector SW	RST20i7/6 cover piece, for covering unused female connectors, with fastening belt, color black
Z5.569.5253.1	cover for female connector SW	RST20i7/6 cover piece, for covering unused female connectors, color black

assembly

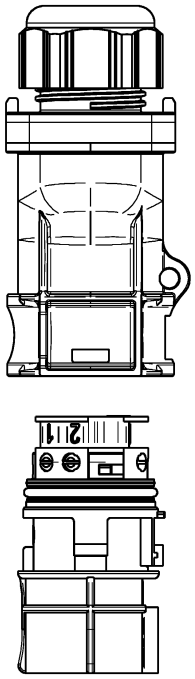
item no.	type	description
96.072.4253.1	connector RST20I7S S1 ZRX V SW	RST® CLASSIC connector, splitter connector, number of poles 7, male, connection type screw connection, rated voltage 250 V / 400 V, rated current 20 A, cable diameter 6 - 10 mm, color of coding/ contact carrier black
96.072.6053.1	device connector RST20I7S S1 M00V SW	RST® CLASSIC device connector, modular, straight, M20, number of poles 7, model male, connection type screw connection, rated voltage 250 V / 400 V, rated current 20 A, color of coding/ contact carrier black
9L.072.6053.1	device connector RST20I7S 21 M00V SW	RST® CLASSIC device connector, modular, straight, M20, 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
96.072.6153.1	device connector RST20I7S S1 M03V SW	RST® CLASSIC device connector, modular, straight, M16, number of poles 7, model male, connection type screw connection, rated voltage 250 V / 400 V, rated current 20 A, color of coding/ contact carrier black
9L.072.6153.1	device connector RST20I7S 21 M03V SW	RST® CLASSIC device connector, modular, straight, M16, 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
96.074.6053.1	device connector RST20I7S S1 M90V SW	RST® CLASSIC device connector, modular, angled 90°, M20, number of poles 7, model male, connection type screw connection, rated voltage 250 V / 400 V, rated current 20 A, color of coding/ contact carrier black
96.074.6253.1	device connector RST20I7S S1 M91V SW	RST® CLASSIC device connector, modular, angled 90°, M25, number of poles 7, model male, connection type screw connection, rated voltage 250 V / 400 V, rated current 20 A, color of coding/ contact carrier black
96.076.6153.1	device connector RST20I7S S1 M13V SW	RST® CLASSIC device connector, modular, angled 7°, M16, number of poles 7, model male, connection type screw connection, rated voltage 250 V / 400 V, rated current 20 A, color of coding/ contact carrier black
96.072.6253.1	device connector RST20I7S S1 M01V SW	RST® CLASSIC device connector, modular, straight, M25, number of poles 7, model male, connection type screw connection, rated voltage 250 V / 400 V, rated current 20 A, color of coding/ contact carrier black
9L.072.6253.1	device connector RST20I7S 21 M01V SW	RST® CLASSIC device connector, modular, straight, M25, 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

technical drawing



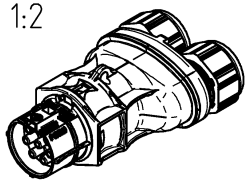


Auslieferungszustand
/delivery status



Teile-Nr./ Part no.	Typ/ Type		Kodierung/ coding
96.071.4253.0	RST20I7S B1 ZRX	GL	
96.071.4253.1	RST20I7S B1 ZRX	SW	
96.071.4253.9	RST20I7S B1 ZRX	BL07	
96.061.4253.6	RST20I6S B1 ZRX	TB04	
96.071.4253.6	RST20I7S B1 ZRX	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	16.11.2017	Hollet
geprüft checked		
Normgeor. Stand. check		

Zeichnung Nr. / Drawing No.: 96.071.4253.0 13K

Index: a

Maße in mm / Dimensions are in mm

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

wieland
www.wieland-electric.com

Type: RST20I

Bennenung/Title: BU_SCHRAUB
ohne Drahtschutz
female, screw connection without wire protection

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

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

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