product data sheet

item no. 96.072.4053.1

connector RST20I7S S1 ZR1 SW

RST® CLASSIC connector, straight, number of poles 7, male, connection type screw connection, rated voltage 250 V / 400 V, rated current 16 A, cable diameter 6 - 10 mm, color of coding/ contact carrier black



item no.	96.072.4053.1
EAN	4049088424052
order unit	100 piece(s)

certificates / approvals

technical data

note

note	3 poles max. 20A, 4 poles max. 5A

general

rated current	16 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
marking of poles	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.	1.5 mm²
connection cross section fine stranded mm² min.	0.2 mm²
terminations per pole	1
sheath strip length	25 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	0.319 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
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

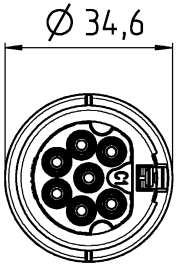
item no.	type	description
96.071.4053.1	connector RST20I7S B1 ZR1 SW	RST® CLASSIC connector, straight, number of poles 7, female, connection type screw connection, rated voltage 250 V / 400 V, rated current 16 A, cable diameter 6 - 10 mm, color of coding/ contact carrier black
96.071.6053.1	device connector RST20I7S B1 M00V SW	RST® CLASSIC device connector, modular, straight, M20, 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.071.6053.1	device connector RST20I7S 11 M00V SW	RST® CLASSIC device connector, modular, straight, M20, 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
96.071.6153.1	device connector RST20I7S B1 M03V SW	RST® CLASSIC device connector, modular, straight, M16, 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.071.6153.1	device connector RST20I7S 11 M03V SW	RST® CLASSIC device connector, modular, straight, M16, 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
96.073.6053.1	device connector RST20I7S B1 M90V SW	RST® CLASSIC device connector, modular, angled 90°, M20, 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
96.073.6253.1	device connector RST20I7S B1 M90V SW	RST® CLASSIC device connector, modular, angled 90°, M25, 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
96.075.6153.1	device connector RST20I7S B1 M13V SW	RST® CLASSIC device connector, modular, angled 7°, M16, 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
96.071.6253.1	device connector RST20I7S B1 M01V SW	RST® CLASSIC device connector, modular, straight, M25, 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.071.6253.1	device connector RST20I7S 11 M01V SW	RST® CLASSIC device connector, modular, straight, M25, 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

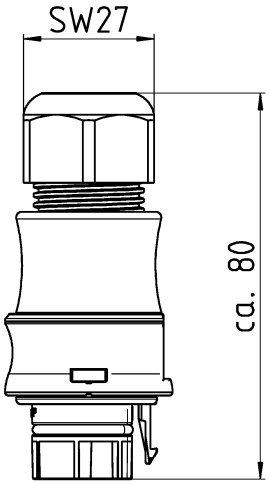
technical drawing

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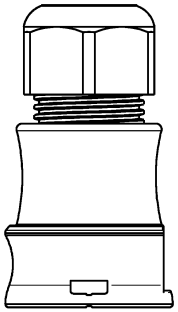
These dimensions will be especially checked at delivery
Only inspection dimensions
With /E marked dimensions are only valid for internal use

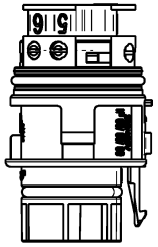
Diese Maße werden bei Abnahme besonders geprüft
Ausschließlich Prüfmaße
Mit /E gekennzeichnete Maße sind nur für interne Zwecke gültig





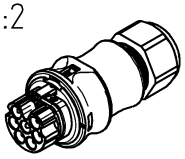
Auslieferungszustand /delivery status





Teile-Nr./ Part no.	Typ/ Type	Kodierung/ coding
96.072.4053.0	RST20I7S S1 ZR1 GL	
96.072.4053.1	RST20I7S S1 ZR1 SW	
96.072.4053.9	RST20I7S S1 ZR1 BL07	
96.062.4053.6	RST20I6S S1 ZR1 TB04	
96.072.4053.6	RST20I7S S1 ZR1 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

			Tag/Date	Name
Werkstoff / Material		gezeichnet drawn	16.11.2017	Hollet
Maßstab / Scale	1:1	geprüft checked		
		Normgeor. Stand. check		

Zeichnung Nr. / Drawing No.: 96.072.4053.0 13K
Index: a

Maße in mm / Dimensions are in mm

Vol. mm³ Oft./Srf. mm²

Ersatz für / Replacement for:

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

wieland
www.wieland-electric.com

Type: RST20I

Bennenung/Title: ST_SCHRAUB
ohne Drahtschutz
male, screw connection without wire protection