product data sheet

item no. 96.074.4153.1

connector RST20I7S S1 YR2 SW

RST® CLASSIC connector, angled 90°, number of poles 7, male, connection type screw connection, rated voltage 250 V / 400 V, rated current 20 A, cable diameter 10 - 14 mm, color of coding/ contact carrier black



item no.	96.074.4153.1
EAN	4049088424359
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
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.	14 mm
cable diameter min.	10 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	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	0.351 kWh/St
insulation components continous temperature	100 °C
surface finish	silver-plated

dimensions

length	71 mm
width	34.6 mm
height	63.8 mm

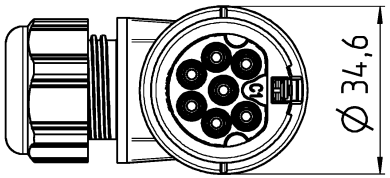
accessories

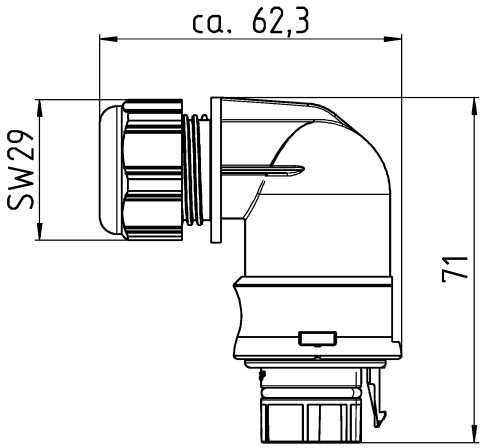
item no.	type	description
99.591.0000.7	cover for male connector SW	RST20i7/6 cover piece, for covering unused male connectors, with fastening belt, color black
Z5.569.5353.1	cover for male connector SW	RST20i7/6 cover piece, for covering unused male connectors, color black

assembly

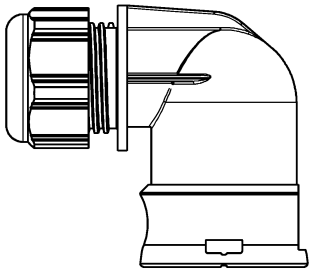
item no.	type	description
96.071.4153.1	connector RST20I7S B1 ZR2 SW	RST® CLASSIC connector, straight, number of poles 7, female, connection type screw connection, rated voltage 250 V / 400 V, rated current 16 A, cable diameter 10 - 14 mm, color of coding/ contact carrier black
9L.071.4153.1	connector RST20I7S 11 ZR2 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 10 - 14 mm, longitudinal sealing yes, 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

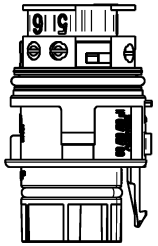
technical drawing

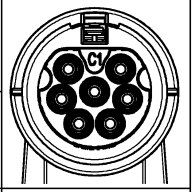
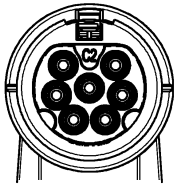
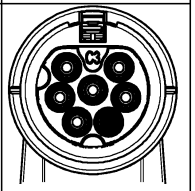
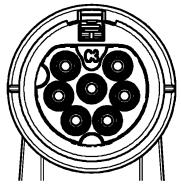




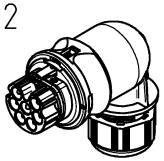
Auslieferungszustand
/delivery status





Teile-Nr./ Part no.	Typ/ Type		Kodierung/ coding
96.074.4153.0	RST20I7S S1 YR2	GL	
96.074.4153.1	RST20I7S S1 YR2	SW	
96.074.4153.9	RST20I7S S1 YR2	BL07	
96.064.4153.6	RST20I6S S1 YR2	TB04	
96.074.4153.6	RST20I7S S1 YR2	TB04	

1:2



● = Pol verschlossen /pole closed

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

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

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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

Maßstab / Scale: 1:1

Vol. mm³ Oft./Srf. mm²

	Tag/Date	Name
gezeichnet drawn	16.11.2017	Hollet
geprüft checked		
Normgeor. Stand. check		

Zeichnung Nr. / Drawing No.: 96.074.4153.0 13K

Index: a

Maße in mm / Dimensions are in mm

Ersatz für / Replacement for:

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

wieland
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Type: RST20I

Bennenung/Title:

ST_SCHRAUBE

ohne Drahtschutz

male, screw connection without wire protection