product data sheet

item no. 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



item no.	96.076.6153.1
EAN	4049088424472
order unit	100 piece(s)

certificates / approvals

technical data

note

note	wires with 2.5 mm² only without ferrulespositioning realised with flattened thread3 poles max. 20A, 4 poles max. 5A

general

rated current	20 A
rated voltage	250 V / 400 V
pollution degree	3
rated impulse voltage	4 kV
continuity resistor	0.65 mOhm
lockable	self-locking (unlocking by tool)
color of coding/ contact carrier	black
Pole codification	1, 2, 3, 4/N, 5, 6, PE

connection data

connection cross section solid mm² max.	2.5 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
wire strip length	8 mm

model

model	male
connection type	screw connection
connecting thread metric	M16
angle of plug	angled
inclination	7 °
degree of protection (IP)	IP66/68 (3m;2h) /IP69
thickness of housings (electrical device)	0.5 mm
thickness of housings (electrical device)	8 mm

material

housing material	polyamide
halogen free	yes
contact material	CuZn
fire load	0.259 kWh/St
insulation components continous temperature	100 °C
surface finish	silver-plated

dimensions

length	81.8 mm
width	34.6 mm
height	34.6 mm

accessories

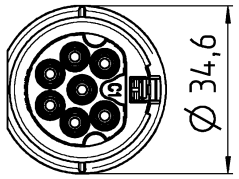
item no.	type	description
99.591.0000.7	cover for male connector SW	RST20i7/6 cover piece, for covering unused male connectors, with fastening belt, color black
Z5.569.5353.1	cover for male connector SW	RST20i7/6 cover piece, for covering unused male connectors, color black

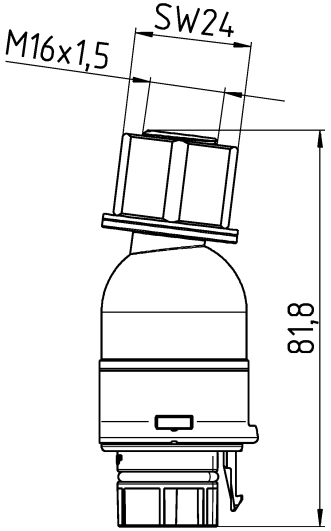
technical drawing

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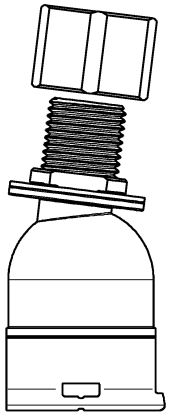
These dimensions will be especially checked at delivery
Only inspection dimensions
With /E marked dimensions are only valid for internal use

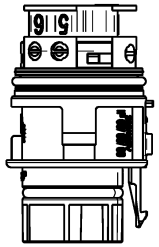
Diese Maße werden bei Abnahme besonders geprüft
Ausschließlich Prüfmaße
Mit /E gekennzeichnete Maße sind nur für interne Zwecke gültig





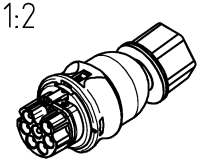
Auslieferungszustand
/delivery status





Teile-Nr./ Part no.	Typ/ Type	Kodierung/ coding
96.076.6153.0	RST20I7S S1 M13V GL	
96.076.6153.1	RST20I7S S1 M13V SW	
96.076.6153.9	RST20I7S S1 M13V BL07	
96.066.6153.6	RST20I6S S1 M13V TB04	
96.076.6153.6	RST20I7S S1 M13V 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		Tag/Date	Name	Zeichnung Nr. / Drawing No.	Index
	/			gezeichnet drawn	16.11.2017	Hollet	96.076.6153.0 13K	a
	/		Maßstab / Scale 1:1	geprüft checked				
	/			Normgeor. Stand. check			Maße in mm / Dimensions are in mm	
	/		Vol. mm³ Oft./Srf. mm²				Ersatz für / Replacement for:	
	/			Type			Bennenung/Title	
a	14.05.2018 /		wieland	RST20			ST_SCHRAUB	
Index	Datum / Blatt Date / Sheet		www.wieland-electric.com				ohne Drahtschutz	
Änderung / Revision							male, screw connection without wire protection	