product data sheet

item no. 96.066.6153.6

device connector RST20I6S S1 M13V TB04

RST® CLASSIC device connector, modular, angled 7°, M16, number of poles 6, model male, connection type screw connection, rated voltage 250 V / 400 V, rated current 20 A, color of coding/ contact carrier turquoise blue



item no.	96.066.6153.6
EAN	4049088423826
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, 3 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	turquoise blue
Pole codification	L, N, PE, 1, 2, Ls
color of separate adapter (if present)	black

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	0.258 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

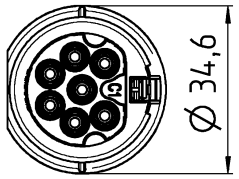
item no.	type	description
99.591.0000.7	cover for male connector SW	RST20i7/6 cover piece, for covering unused male connectors, with fastening belt, color black
Z5.569.5353.1	cover for male connector SW	RST20i7/6 cover piece, for covering unused male connectors, color black

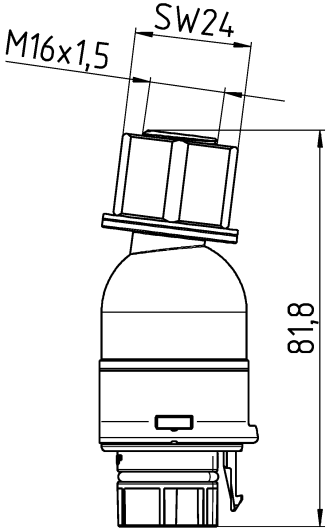
technical drawing

Weitergabe sowie Vervielfältigung dieses Dokuments, Verwertung und Mitteilung seines Inhalts sind verboten, soweit nicht ausdrücklich gestattet.
The reproduction, distribution and utilization of this document as well as the communication of its contents to others without express authorization is prohibited.

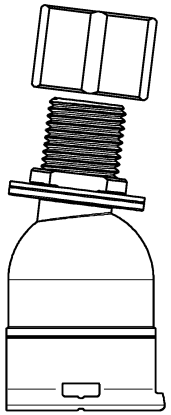
These dimensions will be especially checked at delivery
Only inspection dimensions
With /E marked dimensions are only valid for internal use

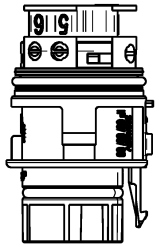
Diese Maße werden bei Abnahme besonders geprüft
Ausschließlich Prüfmaße
Mit /E gekennzeichnete Maße sind nur für interne Zwecke gültig





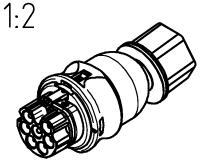
Auslieferungszustand
/delivery status





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	