product data sheet

item no. 96.064.6053.6

device connector RST20I6S S1 M90V TB04

RST® CLASSIC device connector, modular, angled 90°, M20, 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.	96.064.6053.6
EAN	4049088423796
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
marking of poles	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	M20
angle of plug	square
inclination	90 °
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	0.267 kWh/St
insulation components continous temperature	100 °C
surface finish	silver-plated

dimensions

length	71.3 mm
width	34.6 mm
height	54.3 mm

accessories

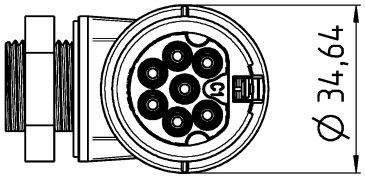
item no.	type	description
99.591.0000.7	cover for male connector SW	RST20i7/6 cover piece, for covering unused male connectors, with fastening belt, color black
Z5.569.5353.1	cover for male connector SW	RST20i7/6 cover piece, for covering unused male connectors, color black

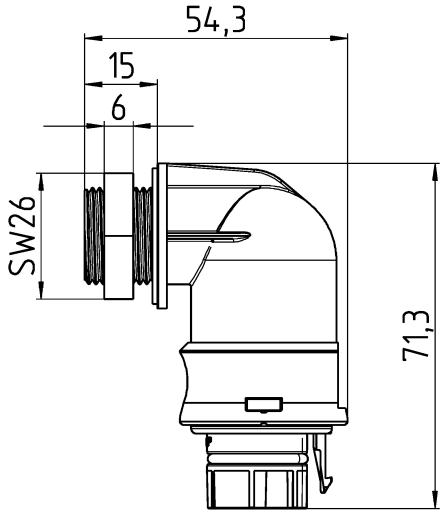
technical drawing

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.

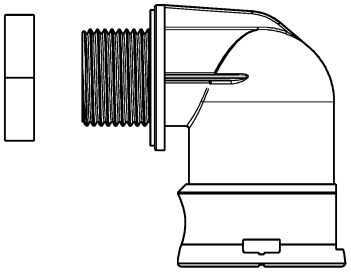
These dimensions will be especially checked at delivery
Only inspection dimensions
With /E marked dimensions are only valid for internal use

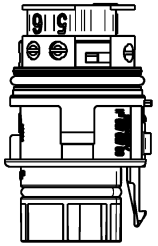
Diese Maße werden bei Abnahme besonders geprüft
Ausschließlich Prüfmaße
Mit /E gekennzeichnete Maße sind nur für interne Zwecke gültig

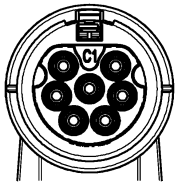
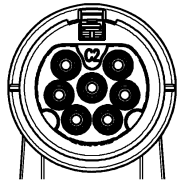
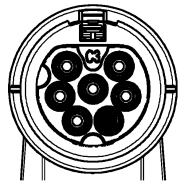
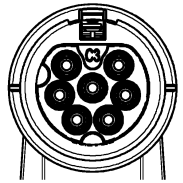




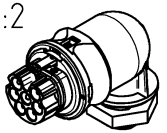
Auslieferungszustand
/delivery status





Teile-Nr./ Part no.	Typ/ Type	Kodierung/ coding
96.074.6053.0	RST20I7S S1 M90V GL	
96.074.6053.1	RST20I7S S1 M90V SW	
96.074.6053.9	RST20I7S S1 M90V BL07	
96.064.6053.6	RST20I6S S1 M90V TB04	
96.074.6053.6	RST20I7S S1 M90V 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.: 96.074.6053.0 13K

Index: a

Maße in mm / Dimensions are in mm

Type: RST20

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

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

wieland
www.wieland-electric.com