product data sheet

item no. 9L.072.6253.1

device connector RST20I7S 21 M01V SW

RST20i7 Device connector, modular, straight, M25, number of poles 7, model male, connection type screw connection, rated voltage 250 V / 400 V, rated current 20 A, longitudinal sealing yes, color of coding/ contact carrier black



item no.	9L.072.6253.1
EAN	4049088474439
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. 5AUse only one connector with contact sealing - either male or female connector.

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
marking of poles	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	M25
angle of plug	straight
degree of protection (IP)	IP66/68 (3m;2h) /IP69
longitudinal sealed	yes

thickness of housings (electrical device) 2	0.5 mm
thickness of housings (electrical device)	8 mm

material

housing material	polyamide
halogen free	yes
contact material	CuZn
fire load	0.249 kWh
insulation components continous temperature	100 °C
surface finish	silver-plated

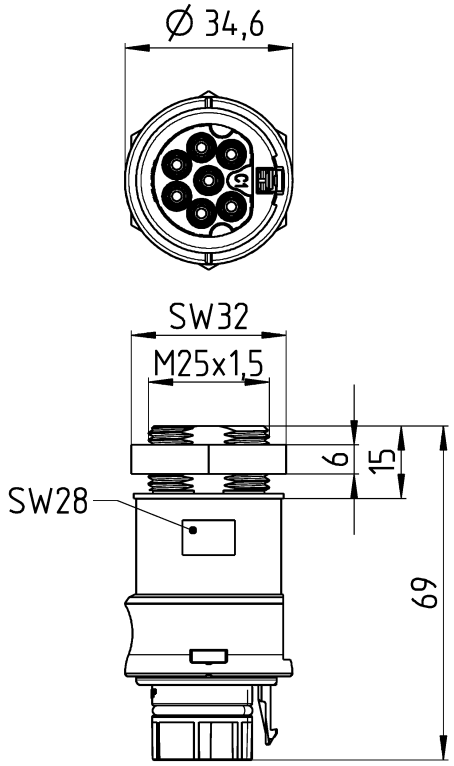
dimensions

length	69 mm
width	34.6 mm
height	34.6 mm

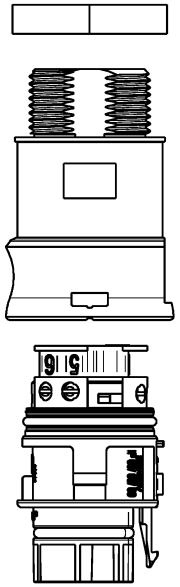
accessories

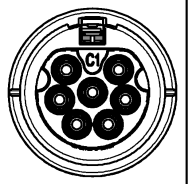
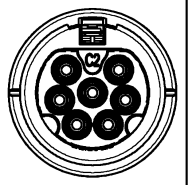
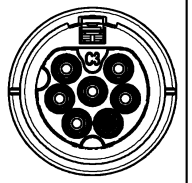
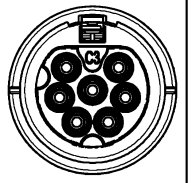
item no.	type	description
99.591.0000.7	cover for male connector SW	RST20i7/6 cover piece, for covering unused male connectors, with fastening belt, color black
Z5.569.5353.1	cover for male connector SW	RST20i7/6 cover piece, for covering unused male connectors, color black

technical drawing

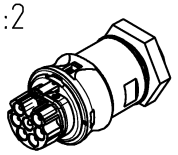


Auslieferungszustand
/delivery status



Teile-Nr./ Part no.	Typ/ Type	Kodierung/ coding
96.072.6253.0	RST20I7S S1 M01V GL	
96.072.6253.1	RST20I7S S1 M01V SW	
9L.072.6253.0	RST20I7S 21 M01V GL	
9L.072.6253.1	RST20I7S 21 M01V SW	
96.072.6253.9	RST20I7S S1 M01V BL07	
9L.072.6253.9	RST20I7S 21 M01V BL07	
96.062.6253.6	RST20I6S S1 M01V TB04	
9L.062.6253.6	RST20I6S 21 M01V TB04	
96.072.6253.6	RST20I7S S1 M01V TB04	
9L.072.6253.6	RST20I7S 21 M01V TB04	

1:2



● = Pol verschlossen /pole closed

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

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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

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

Zeichnung Nr. / Drawing No.: 96.072.6253.0 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_SCHRAUBE

ohne Drahtschutz

male, screw connection without wire protection