

Data sheet

Commercial Art.No.: 96.062.4553.6

Connector RST20I6S S1 ZR3 TB04

RST20i7/6 connector, 6 pole, male, screw connection, application 250/400V with PE, 20A, for cable diameters 14-18mm, coding color turquoise blue, color of housing black



Commercial Art.No.	96.062.4553.6
EAN	4049088423703
Order Unit	1

Certificates / Approvals



Technical data

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	turquoise blue
Marking of poles	L, N, PE, 1, 2, Ls
Color of housing inclusive strain relief	black

Connection Data

Cable diameter max.	18 mm
Cable diameter min.	13 mm
Connection cross section solid mm ² max.	1.5 mm ²
Connection cross section solid mm ² min.	0.2 mm ²
Connection cross section fine stranded mm ² max.	2.5 mm ²
Connection cross section fine stranded mm ² min.	0.2 mm ²
Terminations per pole	1
Connection cross section stranded AWG min.	20 AWG
Connection cross section stranded AWG max.	14 AWG
sheath strip length	37 mm
Wire strip length	8 mm

Model

Model	male
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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	0.393 kWh
Insulation components continuous temperature	100 °C
Surface finish	Silver-plated
UL classification housing	UL-V2
UL classification strain relief	UL-V2

Dimensions

Length	98 mm
Width	35.4 mm
Height	35.4 mm

Note

Note	Wires with 2,5 mm ² only without ferrules; 3 poles max. 20A, 3 poles max. 5A
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Classification

ECLASS 11	
ECLASS 8.1	27440605
ETIM 7.0	EC002560
ETIM 6.0	EC002560
ETIM 5.0	EC002560
ETIM 4.0	EC002560

Product compliance

ROHS conformity status	Compliant/Exempted
ROHS exceptions	III-6(c)
REACH-SVHC conformity status	Duty-To-Declare
REACH-SVHC substances	Lead
REACH-SVHC CAS numbers	7439-92-1

Fits with

Commercial Art.No.:	Article-type description:	Description:
96.061.4553.6	Connector RST20I6S B1 ZR3 TB04	RST20i7/6 connector, 6 pole, female, screw connection, application 250/400V with PE, 20A, for cable diameters 14-18mm, coding color turquoise blue, color of housing black
9L.061.4553.6	Connector RST20I6S 11 ZR3 TB04	RST20i7/6 connector, with longitudinal sealing, 6 pole, female, screw connection, application 250/400V with PE, 20A, for cable diameters 14-18mm, coding color turquoise blue, color of housing black
96.061.6053.6	Device connector RST20I6S B1 M00V TB04	RST20i7/6 device connector M20, 6 pole, female, screw connection, modular, application 250/400V with PE, 20A, coding color turquoise blue, color of housing black

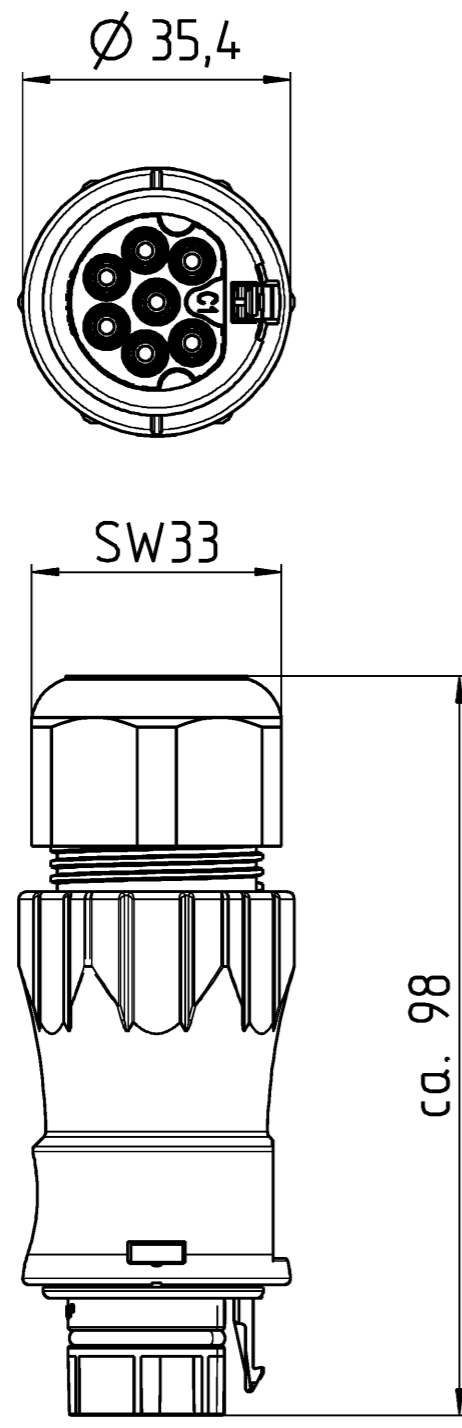
9L.061.6053.6	Device connector RST20I6S 11 M00V TB04	RST20i7/6 device connector M20, with longitudinal sealing, 6 pole, female, screw connection, modular, application 250/400V with PE, 20A, coding color turquoise blue, color of housing black
96.061.6153.6	Device connector RST20I6S B1 M03V TB04	RST20i7/6 device connector M16, 6 pole, female, screw connection, modular, application 250/400V with PE, 20A, coding color turquoise blue, color of housing black
9L.061.6153.6	Device connector RST20I6S 11 M03V TB04	RST20i7/6 device connector M16, with longitudinal sealing, 6 pole, female, screw connection, modular, application 250/400V with PE, 20A, coding color turquoise blue, color of housing black
96.063.6053.6	Device connector RST20I6S B1 M90V TB04	RST20i7/6 device connector (90° angled) M20, 6 pole, female, screw connection, modular, application 250/400V with PE, 20A, coding color turquoise blue, color of housing black
96.063.6253.6	Device connector RST20I6S B1 M90V TB04	RST20i7/6 device connector (90° angled) M25, 6 pole, female, screw connection, modular, application 250/400V with PE, 20A, coding color turquoise blue, color of housing black
96.065.6153.6	Device connector RST20I6S B1 M13V TB04	RST20i7/6 device connector (7° angled) M16, 6 pole, female, screw connection, modular, application 250/400V with PE, 20A, coding color turquoise blue, color of housing black
96.061.6253.6	Device connector RST20I6S B1 M01V TB04	RST20i7/6 device connector M25, 6 pole, female, screw connection, modular, application 250/400V with PE, 20A, coding color turquoise blue, color of housing black
9L.061.6253.6	Device connector RST20I6S 11 M01V TB04	RST20i7/6 device connector M25, with longitudinal sealing, 6 pole, female, screw connection, modular, application 250/400V with PE, 20A, coding color turquoise blue, color of housing black

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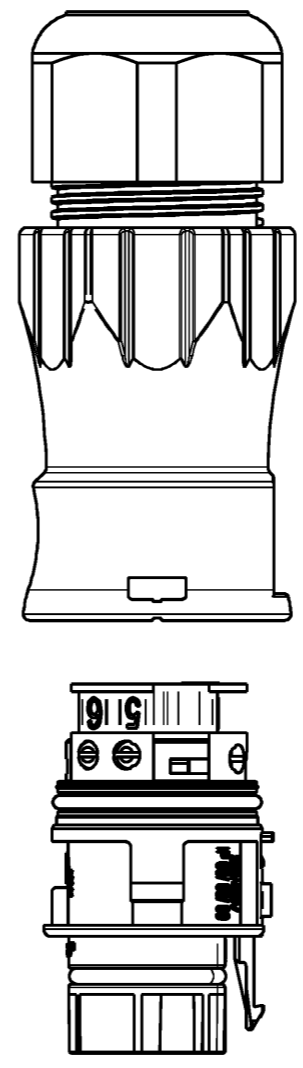
B
These dimensions will be especially checked at delivery
Only inspection dimensions
With /E marked dimensions are only valid for internal use

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

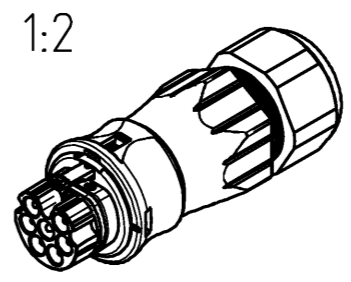
F
Änderung / Revision



Auslieferungszustand / delivery status



Teile-Nr./ Part no.	Typ/ Type	Kodierung/ coding
96.072.4553.0	RST2017S S1 ZR3 GL	
96.072.4553.1	RST2017S S1 ZR3 SW	
96.072.4553.9	RST2017S S1 ZR3 BL07	
96.062.4553.6	RST2016S S1 ZR3 TB04	
96.072.4553.6	RST2017S S1 ZR3 TB04	



● = Pol verschlossen / pole closed

Tolerierung Size ISO 14405 (E) / Tolerance system Size ISO 14405 (E). (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 <input checked="" type="checkbox"/> 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: Sheet: 1 von 1 of 1
/	Werkstoff / Material	Tag/Date	Name
/		gezeichnet drawn 16.11.2017	Hollet
/	Maßstab / Scale	geprüft checked	
/	1:1	Normgepr. Stand. check	
/	Vol. mm ³ Dfl./Srf. mm ²	Ersatz für / Replacement for:	
a	14.05.2018 / Datum / Blatt Date / Sheet	Type	Benennung/Title
Index		RST201	ST_SCHRAUB
Änderung / Revision		ohne Drahtschutz male, screw connection without wire protection	