product data sheet

item no. 96.052.4053.6

connector RST20I5S S1 ZR1SVA TB0

RST® CLASSIC connector, straight, number of poles 5, male, connection type screw connection, rated voltage 250 V, rated current 20 A, cable diameter 6 - 10 mm, color of coding/ contact carrier turquoise blue



item no.	96.052.4053.6
EAN	4015573877689
order unit	100 piece(s)

certificates / approvals

technical data

note

note	RST® terminals with screw clamping allow the connection of conductors without special preparation (without ferrules) according to EN 60999-1.

general

rated current	20 A
rated voltage	250 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
Pole codification	L, N, PE, D1, D2
color of housing inclusive strain relief	black
RAL-Nummer Codierung/Kontakteinsatz	5018

connection data

cable diameter max.	10 mm
cable diameter min.	6 mm
connection cross section solid mm² max.	4 mm²
connection cross section solid mm² min.	0.75 mm²
connection cross section fine stranded mm² max.	4 mm²
connection cross section fine stranded mm² min.	0.75 mm²
terminations per pole	1
connection cross section stranded mm² min.	0.75 mm²
connection cross section stranded mm² max.	4 mm²
sheath strip length	26.5 mm
wire strip length	8 mm

model

model	male
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	0.288 kWh/St
insulation components continous temperature	100 °C
surface finish	silver-plated

dimensions

length	78.4 mm
width	34.6 mm
height	34.6 mm

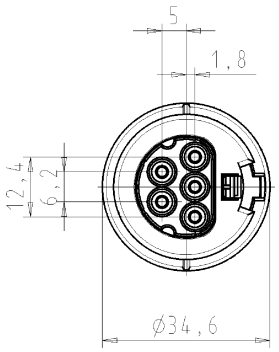
accessories

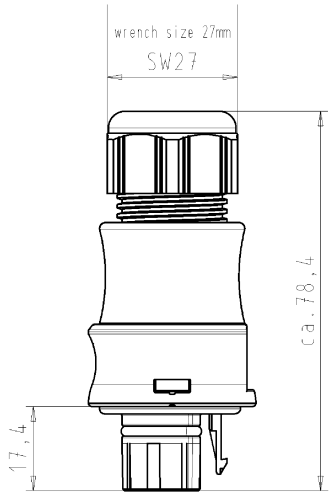
item no.	type	description
05.565.9953.1	cover for male connector SW	RST20i5/4 cover piece, for covering unused male connectors, color black
99.532.0000.7	cover for male connector SW	RST20i5/4 cover piece, for covering unused male connectors, with fastening belt, color black

assembly

item no.	type	description
96.050.0153.6	distributor RST20I5B 3P1 F VGA TB04	RST® CLASSIC compact distributor 1I / 3O, rated voltage 250 V, rated current 20 A, number of poles 5, degree of protection (ip) IP66/68 (3m 2h) /IP69, number of inputs 1, number of outputs 3, pole codification L, N, PE, D1, D2, color of coding/ contact carrier turquoise blue, ral number codin
96.051.5053.6	device connector RST20I5S B1 M01 A TB0	RST® CLASSIC device connector, standard, straight, M25, number of poles 5, model female, connection type screw connection, rated voltage 250 V, rated current 20 A, color of coding/ contact carrier turquoise blue
96.453.1030.6	cable assembly RST20I5KSBS 25 10TB04	RST20i5 extension cable female - male, 5 pole, assembled with screw connection, application 250V with PE, 20A, cable type H07RN-F, length 1.0m, cross section 2.5mm², coding color turquoise blue
96.051.4053.6	connector RST20I5S B1 ZR1S A TB0	RST® CLASSIC connector, straight, number of poles 5, female, connection type screw connection, rated voltage 250 V, rated current 20 A, cable diameter 6 - 10 mm, color of coding/ contact carrier turquoise blue
96.051.6153.6	device connector RST20I5S B1 M03 A TB0	RST® CLASSIC device connector, modular, straight, M16, number of poles 5, model female, connection type screw connection, rated voltage 250 V, rated current 20 A, color of coding/ contact carrier turquoise blue
96.051.6053.6	device connector RST20I5S B1 M00 A TB0	RST® CLASSIC device connector, modular, straight, M20, number of poles 5, model female, connection type screw connection, rated voltage 250 V, rated current 20 A, color of coding/ contact carrier turquoise blue
96.053.6053.6	device connector RST20I5S B1 M90 A TB0	RST® CLASSIC device connector, modular, angled 90°, M20, number of poles 5, model female, connection type screw connection, rated voltage 250 V, rated current 20 A, color of coding/ contact carrier turquoise blue
96.053.6253.6	device connector RST20I5S B1 M91 A TB0	RST® CLASSIC device connector, modular, angled 90°, M25, number of poles 5, model female, connection type screw connection, rated voltage 250 V, rated current 20 A, color of coding/ contact carrier turquoise blue
96.055.6153.6	device connector RST20I5S B1 M13 TB	RST® CLASSIC device connector, modular, angled 7°, M16, number of poles 5, model female, connection type screw connection, rated voltage 250 V, rated current 20 A, color of coding/ contact carrier turquoise blue

technical drawing





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

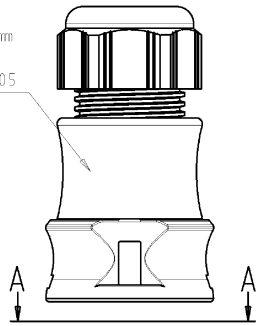
Diese Maße werden bei Abnahme besonders geprüft
Ausschließlich Prüfmaße
Mit /E gekennzeichnete Maße sind nur für interne Zwecke gültig

Auslieferungszustand
delivery status

für Kabeldurchm. 6-10mm
for cable diameter 6-10mm

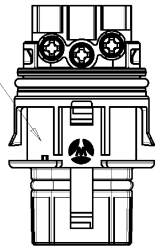
color: black,
similar to RAL 9005

Farbe: schwarz,
ähnl. RAL 9005



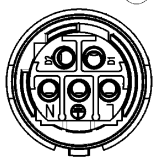
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similar to RAL 5018

Farbe: türkisblau,
ähnl. RAL 5018

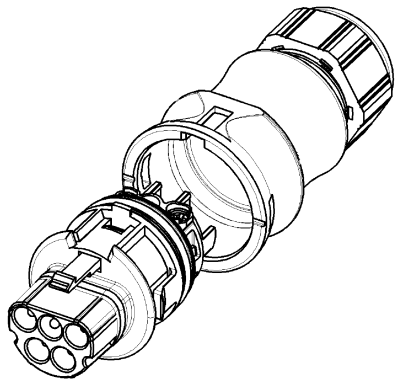


Verpackungseinheit: je 100 Stück
packaging unit: per 100

A-A



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Type: RST2015S S1 ZR1SVA TB04

Toleranzierung nach DIN 7167/Tolerance system acc. to DIN 7167.
(This DIN-standard desbribes the envelope principle. According to the envelope principle the deviations of form and parallelism are limited by the size tolerances).

nein/no ☒ Stoffverbots- und Deklarationsliste nach UU-TOM-05/03 ist einzuhalten.
Conformity with Wieland document UU-TOM-05/03 (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	2005	Tag/Date	Name	Zeichnung Nr./Drawing No.	Index
	/		gezeichnet drawn	20.12.	Kneitz	96.052.4053.6 01K	b
	/	Maßstab/Scale 1:1	geprüft checked	-	-		
	/		Normgepr. Stand. check	-	-	Maße in mm/Dimensions are in mm	
	/	Vol. mm³	Oft./Surf. mm²	Ersatz für/Replacement for: -			
b	19.04.2012/	wieland Elektrische Verbindungen	Type	Benennung/Title STECKERTEIL_MIT_ZUGENTLASTUNG			
a	06.02.2006/			male connector with cord grip			
Index	Datum / Blatt Date / Sheet			Schraubanschluss ohne Drahtschutz/screw-connection without wire protection			
Änderung/Revision				Kodierung/keying 4 (250V/50V)			

OU-PEM-08/91

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