product data sheet

item no. 96.052.4553.6

connector RST20I5S S1 ZR3SVA TB0

RST® CLASSIC connector, straight, number of poles 5, male, connection type screw connection, rated voltage 250 V, rated current 20 A, cable diameter 13 - 18 mm, color of coding/ contact carrier turquoise blue



item no.	96.052.4553.6
EAN	4015573877900
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
marking of poles	L, N, PE, D1, D2
color of housing inclusive strain relief	black
RAL-Nummer Codierung/Kontakteinsatz	5018

connection data

cable diameter max.	18 mm
cable diameter min.	13 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	37 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	0.363 kWh/St
insulation components continous temperature	100 °C
surface finish	silver-plated

dimensions

length	94.6 mm
width	35.4 mm
height	35.4 mm

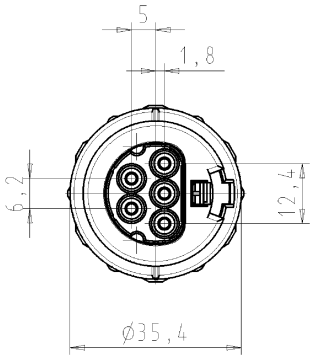
accessories

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 distributor, parallel connection, with fastening option, number of poles 5, rated voltage 250 V, rated current 20 A, number of inputs 1, number of outputs 3, color of coding/ contact carrier turquoise blue
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
96.051.4553.6	connector RST20I5S B1 ZR3S A TB04	RST® CLASSIC connector, straight, number of poles 5, female, connection type screw connection, rated voltage 250 V, rated current 20 A, cable diameter 13 - 18 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

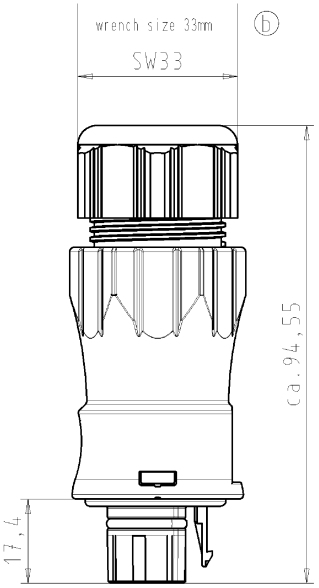
Only inspection dimensions

With /E marked dimensions are only valid for internal use

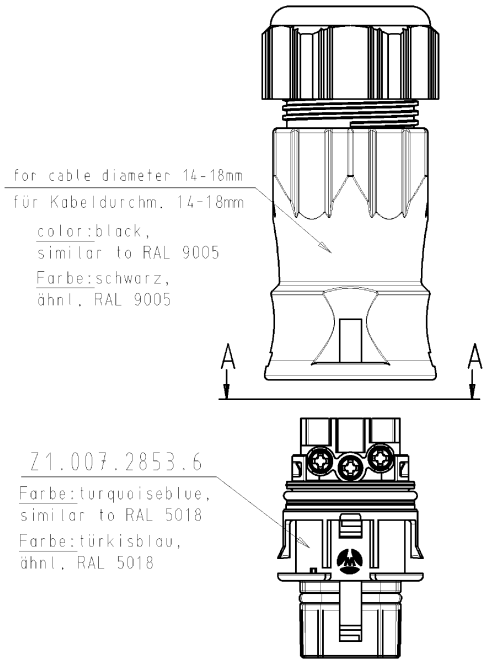
Diese Maße werden bei Abnahme besonders geprüft

Ausschließlich Prüfmaße

Mit /E gekennzeichnete Maße sind nur für interne Zwecke gültig

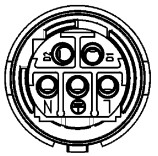


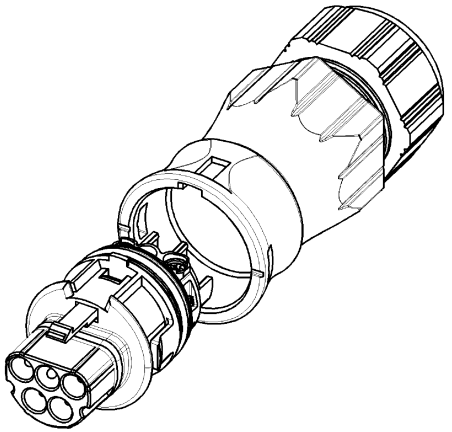
Auslieferungszustand
delivery status



Verpackungseinheit: je 100 Stück
packaging unit: per 100

A-A ⓒ





ⓓ

Type: RST20I5S S1 ZR3SVA TB04

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(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

Änderung/Revision	Index	Datum / Blatt / Date / Sheet
	c	19.04.2012/
	b	21.02.2006/
	a	06.02.2006/

Werkstoff/Material

Maßstab/Scale 1:1

Vol. mm³ Oft./Surf. mm²

	Tag/Date	Name
2005		
gezeichnet / drawn	20.12.	Kneitz
geprüft / checked	-	-
Normgepr. / Stand. check	-	-

Zeichnung Nr./Drawing No. 96.052.4553.6 01K Index c

Maße in mm/Dimensions are in mm

Ersatz für/Replacement for: -

wieland
Elektrische Verbindungen

Type

Benennung/Title
STECKERTEIL_MIT_ZUGENTLASTUNG
male connector with cord grip
Schraubanschluss ohne Drahtschutz/screw-connection without wire protection
Kodierung/keying 4 (250V/50V)

OU-PEM-08/91

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