product data sheet

item no. 96.051.4153.6

connector RST20I5S B1 ZR2S 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 10 - 14 mm, color of coding/ contact carrier turquoise blue



item no.	96.051.4153.6
EAN	4015573877436
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.	14 mm
cable diameter min.	10 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	female

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	0.292 kWh/St
insulation components continous temperature	100 °C
surface finish	silver-plated

dimensions

length	80.4 mm
width	34.6 mm
height	34.6 mm

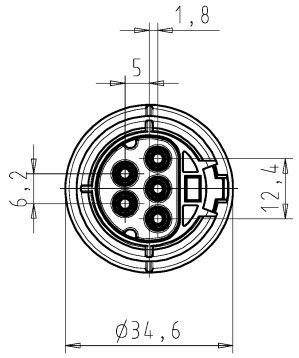
accessories

item no.	type	description
99.530.0000.7	cover for female connector SW	RST20i5/4 cover piece, for covering unused female connectors, with fastening belt, color black
Z5.565.9853.1	cover for female connector SW	RST20i5/4 cover piece, for covering unused female connectors, color black
05.564.8653.1	manual disconnect RST20i3/i5 SCHWARZ	Manual disconnect for later installation of RST connectors, color black

assembly

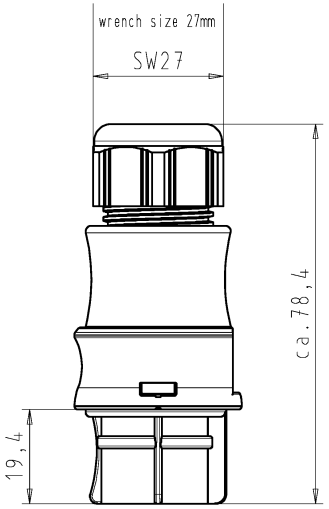
item no.	type	description
96.050.0153.6	distributor RST20I5B 3P1 F VGA TB04	RST® CLASSIC compact distributor 1I / 3O, rated voltage 250 V, rated current 20 A, number of poles 5, degree of protection (ip) IP66/68 (3m 2h) /IP69, number of inputs 1, number of outputs 3, pole codification L, N, PE, D1, D2, color of coding/ contact carrier turquoise blue, ral number codin
96.052.5053.6	device connector RST20I5S S1 M01VA TB0	RST® CLASSIC device connector, standard, straight, M25, number of poles 5, model male, 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
96.052.6153.6	device connector RST20I5S S1 M03VA TB0	RST® CLASSIC device connector, modular, straight, M16, number of poles 5, model male, connection type screw connection, rated voltage 250 V, rated current 20 A, color of coding/ contact carrier turquoise blue
96.052.6053.6	device connector RST20I5S S1 M00VA TB0	RST® CLASSIC device connector, modular, straight, M20, number of poles 5, model male, connection type screw connection, rated voltage 250 V, rated current 20 A, color of coding/ contact carrier turquoise blue
96.054.6053.6	device connector RST20I5S S1 M90VA TB0	RST® CLASSIC device connector, modular, angled 90°, M20, number of poles 5, model male, connection type screw connection, rated voltage 250 V, rated current 20 A, color of coding/ contact carrier turquoise blue
96.054.6253.6	device connector RST20I5S S1 M91VA TB0	RST® CLASSIC device connector, modular, angled 90°, M25, number of poles 5, model male, connection type screw connection, rated voltage 250 V, rated current 20 A, color of coding/ contact carrier turquoise blue
96.056.6153.6	device connector RST20I5S S1 M13V TB04	RST® CLASSIC device connector, modular, angled 7°, M16, number of poles 5, model male, connection type screw connection, rated voltage 250 V, rated current 20 A, color of coding/ contact carrier turquoise blue

technical drawing



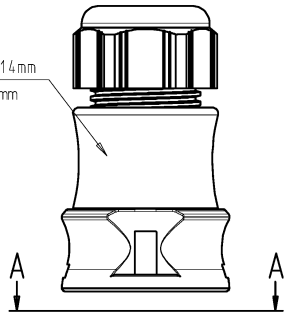
These dimensions will be especially checked at delivery
Only inspection dimensions
With /E marked dimensions are only valid for internal use

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

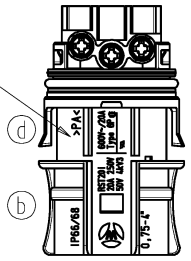


Auslieferungszustand
delivery status

for cable diameter 10-14mm
für Kabeldurchm. 10-14mm
color: black,
similar to RAL 9005
Farbe: schwarz,
ähnl. RAL 9005

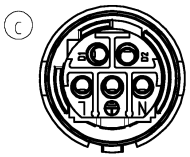


color: turquoise blue,
similar to RAL 5018
Farbe: türkisblau,
ähnl. RAL 5018

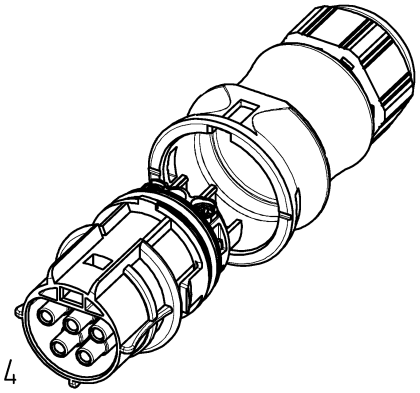


Verpackungseinheit: je 100 Stück
packaging unit: per 100

A-A



Weitergabe sowie Vervielfältigung dieses Dokuments, Verwertung und Mitteilung seines Inhalts sind verboten, soweit nicht ausdrücklich gestattet. Zuwiderhandlungen verpflichten zum Schadenersatz. Alle Rechte für den Fall der Patenterteilung oder GM-Eintragung vorbehalten. / This document as well as the communication of its contents to others without express authorization is prohibited.



Type: RST2015S B1 ZR2SVA TB04

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).

nein/no ☒ 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

Index	Datum / Blatt Date / Sheet	Änderung/Revision
d	16.12.2014/	
c	13.04.2012/	
b	28.01.2011/	
a	06.02.2006/	

Werkstoff/Material

Maßstab/Scale 1:1

Vol. mm³ Ofl./Surf. mm²

	Tag/Date	Name
2005		
gezeichnet drawn	15.12.	Kneitz
geprüft checked	-	-
Normgepr. Stand. check	-	-

Zeichnung Nr./Drawing No. 96.051.4153.6 01K | Index d

Maße in mm/Dimensions are in mm

Ersatz für/Replacement for: -

wieland
www.wieland-electric.com

Type

Benennung/Title

BUCHSENTEIL_MIT_ZUGENTLASTUNG

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