product data sheet

item no. 96.052.4553.9

connector RST20I5S S1 ZR3SV BL0

RST® CLASSIC connector, straight, number of poles 5, male, connection type screw connection, rated voltage 250 V / 400 V, rated current 20 A, cable diameter 13 - 18 mm, color of coding/ contact carrier light blue



item no.	96.052.4553.9
EAN	4015573983649
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 / 400 V
rated impulse voltage	4 kV
strain relief	yes
pollution degree	3
lockable	self-locking (unlocking by tool)
color of coding/ contact carrier	light blue
marking of poles	1, 2, 3, 4, 5
color of housing inclusive strain relief	black
RAL-Nummer Codierung/Kontakteinsatz	5012

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	0.361 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

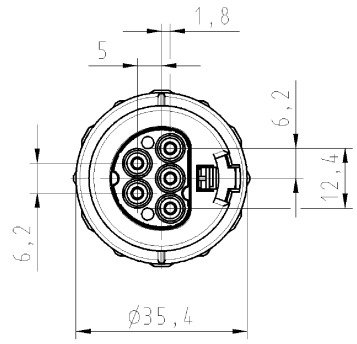
accessories

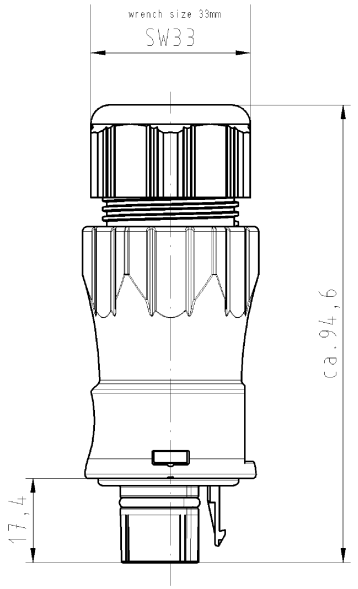
item no.	type	description
05.565.9953.1	cover for male connector SW	RST20i5/4 cover piece, for covering unused male connectors, color black
99.532.0000.7	cover for male connector SW	RST20i5/4 cover piece, for covering unused male connectors, with fastening belt, color black

assembly

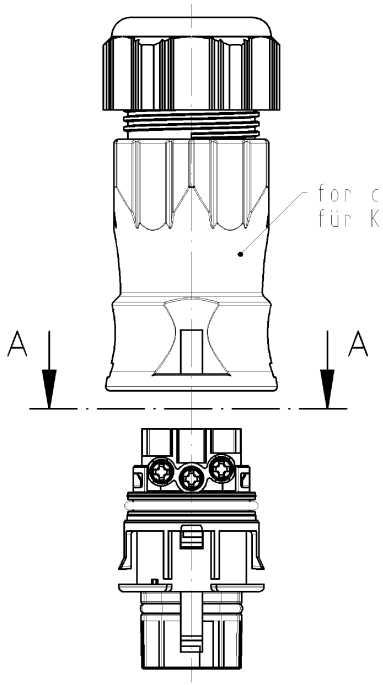
item no.	type	description
96.050.0153.9	distributor RST20I5B 3P1 F VG BL07	RST® CLASSIC distributor, parallel connection, with fastening option, number of poles 5, rated voltage 250 V / 400 V, rated current 20 A, number of inputs 1, number of outputs 3, color of coding/ contact carrier light blue
96.051.5053.9	device connector RST20I5S B1 M01 BL0	RST® CLASSIC device connector, standard, straight, M25, number of poles 5, model female, connection type screw connection, rated voltage 250 V / 400 V, rated current 20 A, color of coding/ contact carrier light blue
96.051.4553.9	connector RST20I5S B1 ZR3S BL0	RST® CLASSIC connector, straight, number of poles 5, female, connection type screw connection, rated voltage 250 V / 400 V, rated current 20 A, cable diameter 13 - 18 mm, color of coding/ contact carrier light blue
96.051.6153.9	device connector RST20I5S B1 M03 BL0	RST® CLASSIC device connector, modular, straight, M16, number of poles 5, model female, connection type screw connection, rated voltage 250 V / 400 V, rated current 20 A, color of coding/ contact carrier light blue
96.051.6053.9	device connector RST20I5S B1 M00 BL0	RST® CLASSIC device connector, modular, straight, M20, number of poles 5, model female, connection type screw connection, rated voltage 250 V / 400 V, rated current 20 A, color of coding/ contact carrier light blue
96.053.6053.9	device connector RST20I5S B1 M90 BL0	RST® CLASSIC device connector, modular, angled 90°, M20, number of poles 5, model female, connection type screw connection, rated voltage 250 V / 400 V, rated current 20 A, color of coding/ contact carrier light blue
96.053.6253.9	device connector RST20I5S B1 M91 BL0	RST® CLASSIC device connector, modular, angled 90°, M25, number of poles 5, model female, connection type screw connection, rated voltage 250 V / 400 V, rated current 20 A, color of coding/ contact carrier light blue
96.055.6153.9	device connector RST20I5S B1 M13 BL07	RST20i5 device connector (7° angled) M16, 5 pole, female, screw connection, modular, application 250/400V, 20A, coding color light blue, color of housing black

technical drawing



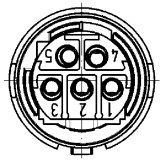


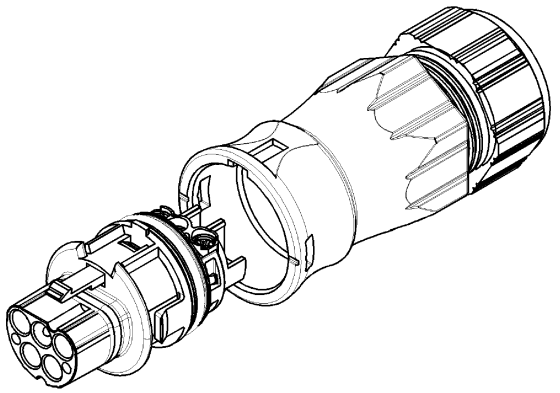
Auslieferungszustand
delivery status



Verpackungseinheit: je 100 Stück
packing unit: per 100

A-A





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

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

Teile-Nr./ part-nr.	Farbe:/ color:	Type
96.052.4553.9	lichtblau, ähnl.RAL 5012/ lightblue, similar to RAL 5012	RST2015S S1 ZR3S BL04

Tolerierung 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].

ja/yes ☒ Stoffverbots- und Deklarationsliste nach VU-TGM-05/03 ist einzuhalten. Conformity with Wieland document VU-TGM-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

Maßstab/Scale 1:1

Vol. mm³ Ofl./Surf. mm²

	Tag/Date	Name
gezeichnet drawn	2007 03.09.	Hallet
geprüft checked	-	-
Normgeprüft Stand. check	-	-

Zeichnung Nr./Drawing No.: T 96.052.4553.9 01K

Index

Maße in mm/Dimensions are in mm

Ersatz für/Replacement for: -

Type

Benennung/Title

STECKERTEIL_MIT_ZUGENTLASTUNG

male connector with cord grip
Schraubanschluß ohne Drahtschutz/screw connection without wire protection
Kodierung/keying 7 (250V/20A) Schaltanwendung/switching's application

Index | Datum / Blatt Date / Sheet | Änderung/Revision

wieland
Elektrische Verbindungen

OU-PEM-08/91

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