product data sheet

item no. 96.053.4053.9

connector RST20I5S B1 YR1S BL07

RST® CLASSIC connector, angled 90°, number of poles 5, female, connection type screw connection, rated voltage 250 V / 400 V, rated current 20 A, cable diameter 6 - 10 mm, color of coding/ contact carrier light blue



item no.	96.053.4053.9
EAN	4049644012631
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.	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	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	0.323 kWh/St
insulation components continous temperature	100 °C
surface finish	silver-plated

dimensions

length	73.4 mm
width	34.6 mm
height	62.3 mm

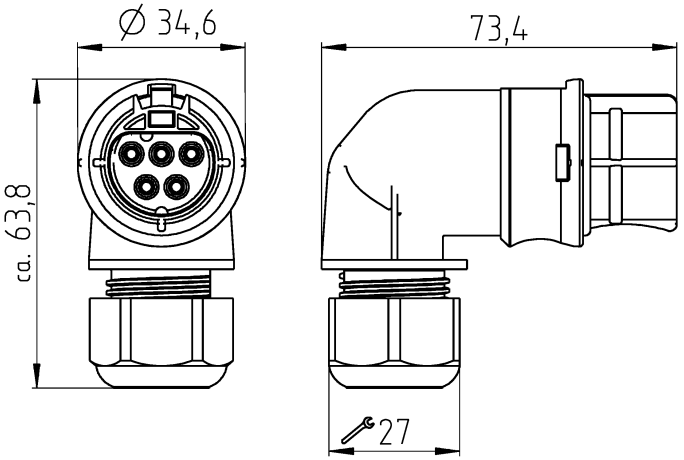
accessories

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

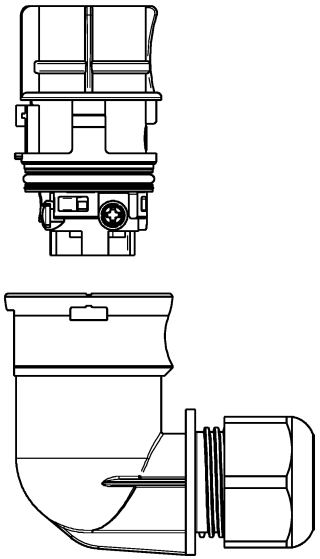
assembly

item no.	type	description
96.050.0153.9	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
96.052.5053.9	device connector RST20I5S S1 M01V BL0	RST® CLASSIC device connector, standard, straight, M25, number of poles 5, model male, connection type screw connection, rated voltage 250 V / 400 V, rated current 20 A, color of coding/ contact carrier light blue
96.052.4053.9	connector RST20I5S S1 ZR1SV 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 6 - 10 mm, color of coding/ contact carrier light blue
96.052.6153.9	device connector RST20I5S S1 M03V BL0	RST® CLASSIC device connector, modular, straight, M16, number of poles 5, model male, connection type screw connection, rated voltage 250 V / 400 V, rated current 20 A, color of coding/ contact carrier light blue
96.052.6053.9	device connector RST20I5S S1 M00V BL0	RST® CLASSIC device connector, modular, straight, M20, number of poles 5, model male, connection type screw connection, rated voltage 250 V / 400 V, rated current 20 A, color of coding/ contact carrier light blue
96.054.6053.9	device connector RST20I5S S1 M90V BL0	RST® CLASSIC device connector, modular, angled 90°, M20, number of poles 5, model male, connection type screw connection, rated voltage 250 V / 400 V, rated current 20 A, color of coding/ contact carrier light blue
96.054.6253.9	device connector RST20I5S S1 M91V BL0	RST® CLASSIC device connector, modular, angled 90°, M25, number of poles 5, model male, connection type screw connection, rated voltage 250 V / 400 V, rated current 20 A, color of coding/ contact carrier light blue
96.056.6153.9	device connector RST20I5S S1 M13V BL07	RST20i5 device connector (7° angled) M16, 5 pole, male, screw connection, modular, application 250/400V, 20A, coding color light blue, color of housing black

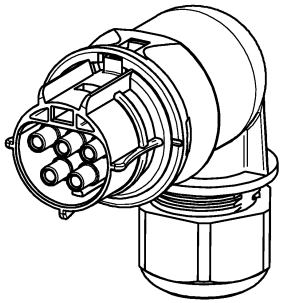
technical drawing



Auslieferungszustand
delifery status



Verpackungseinheit je 100 Stück
packaging unit: per 100



96.053.4053.9	RST20I5SB1_YR1S_A_BL	lichtblau light blue
Bestellnummer order number	Typ type	Farbe colour
Weitere Daten siehe KATALOG oder eKatalog additional data see CATALOG or eCATALOG	www.wieland-electric.com eshop.wieland-electric.com	

Toleranz Size ISO 14405 Ⓔ / Tolerance system Size ISO 14405 Ⓔ.
(This ISO-standard describes the envolope principle. According to the envolope principle the deviations of form and parallelism are limited by the size tolerances).

ja/yes ☒ 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

Werkstoff / Material

Maßstab / Scale: 1:1

Vol. mm³ Oft./Srf. mm²

	Tag/Date	Name
gezeichnet / drawn	04.10.2017	Schmitt J.
geprüft / checked		
Normgeor. Stand. check		

Zeichnung Nr. / Drawing No.: 96.053.4053.9 13K

Index

Maße in mm / Dimensions are in mm

Ersatz für / Replacement for:

Type

Bennenung/Title

BUCHSENTEIL
m.Zugentlastung 90° Ø 6-10mm
female connector 90°

wieland
www.wieland-electric.com

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

QU-MEE-01/14 a

Diese Maße werden bei Abnahme besonders geprüft
Ausschließlich Prüfmaße

Mit Ⓔ gekennzeichnete Maße sind nur für interne Zwecke gültig

These dimensions will be especially checked at delivery
Only inspection dimensions

With Ⓔ marked dimensions are only valid for internal use

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