product data sheet

item no. 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



item no.	96.051.4553.9
EAN	4015573983465
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	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	0.366 kWh/St
insulation components continous temperature	100 °C
surface finish	silver-plated

dimensions

length	96.6 mm
width	35.4 mm
height	35.4 mm

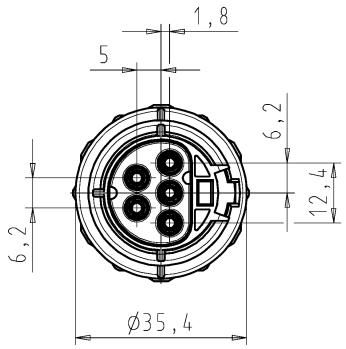
accessories

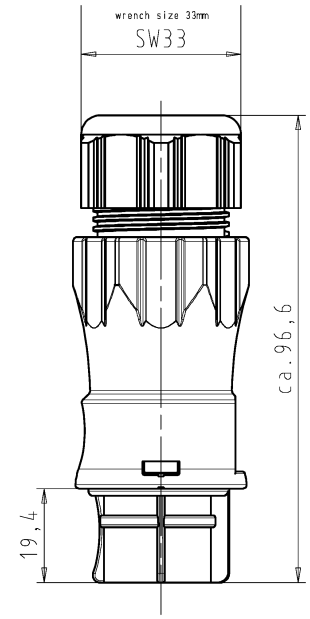
item no.	type	description
99.530.0000.7	cover for female connector SW	RST20i5/4 cover piece, for covering unused female connectors, with fastening belt, color black
Z5.565.9853.1	cover for female connector SW	RST20i5/4 cover piece, for covering unused female connectors, color black
05.564.8653.1	manual 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
96.052.6153.9	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

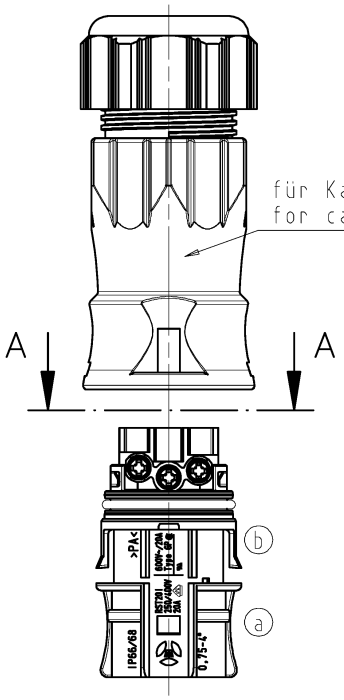




These dimensions will be especially checked at delivery
Only inspection dimensions
With /E marked dimensions are only valid for internal use

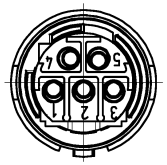
Diese Maße werden bei Abnahme besonders geprüft
Ausschließlich Prüfmaße
Mit /E gekennzeichnete Maße sind nur für interne Zwecke gültig

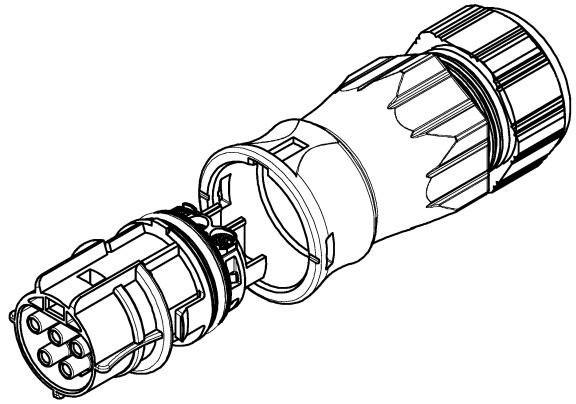
Auslieferungszustand
delivery status



Verpackungseinheit: je 100 Stück
packing unit: per 100

A-A





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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).

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	2007	Tag/Date	Name	Zeichnung Nr./Drawing No.	Index
	/			gezeichnet drawn	31.08.	Hollet	T 96.051.4553.9 01K	b
	/	Maßstab/Scale		geprüft checked	-	-		
	/	1:1		Normgepr. Stand. check	-	-	Maße in mm/Dimensions are in mm	
	/	Vol. mm³	Ofl./Surf. mm²	Ersatz für/Replacement for: -				
b	08.01.2015/	wieland		Type	Benennung/Title			
a	04.02.2011/	www.wieland-electric.com			BUCHSENTEIL_MIT_ZUGENTLASTUNG			
Index	Datum / Blatt Date / Sheet				female connnector with cord grip			
Änderung/Revision					Schraubanschluß ohne Drahtschutz/screw-connection without wire protection Kodierung/keying 7 (250V/20A) Schaltanwendung/switching's application			

ⓑ

Teile-Nr./ part-nr.	Farbe:/ color:	Type
96.051.4553.9	lichtblau, ähnl.RAL 5012/ lightblue, similar to RAL 5012	RST2015S B1 ZR3S BL07