product data sheet

item no. 96.031.4053.9

connector RST20I3S B1 ZR1S BL0

RST® CLASSIC connector, straight, number of poles 3, 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.	96.031.4053.9
EAN	4015573981980
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
Pole codification	1, 2, 3
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.	6 mm²
connection cross section solid mm² min.	0.75 mm²
connection cross section fine stranded mm² max.	6 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.	6 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	0.293 kWh/St
insulation components continous temperature	100 °C
surface finish	silver-plated

dimensions

length	82 mm
width	34.6 mm
height	34.6 mm

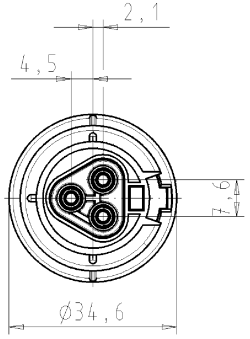
accessories

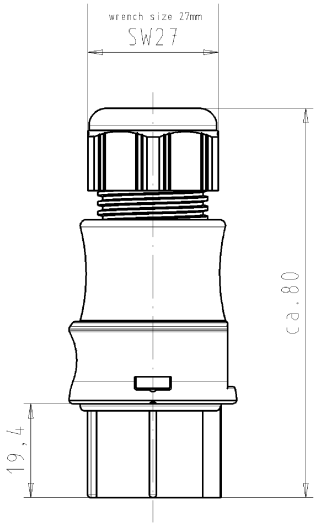
item no.	type	description
99.414.6205.2	cover for female connector SW	RST20i3/2 cover piece, for covering unused female connectors, with fastening belt, color black
Z5.564.4553.1	cover for female connector SW	RST20i3/2 cover piece, for covering unused female connectors, color black
05.564.8653.1	manual disconnect RST20i3/i5 SCHWARZ	Manual disconnect for later installation of RST connectors, color black

assembly

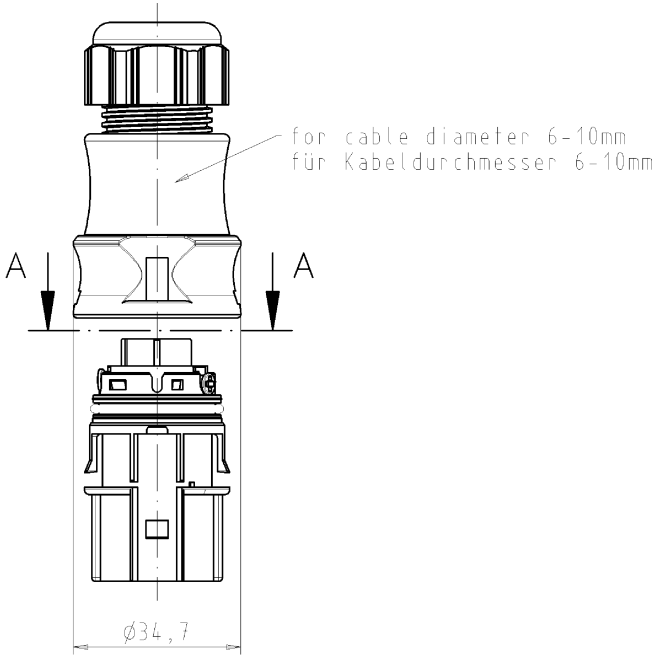
item no.	type	description
96.032.5053.9	device connector RST20I3S S1 M01V BL0	RST® CLASSIC device connector, standard, straight, M25, number of poles 3, model male, connection type screw connection, rated voltage 250 V / 400 V, rated current 20 A, color of coding/ contact carrier light blue
96.032.6153.9	device connector RST20I3S S1 M03V BL0	RST® CLASSIC device connector, modular, straight, M16, number of poles 3, model male, connection type screw connection, rated voltage 250 V / 400 V, rated current 20 A, color of coding/ contact carrier light blue
96.032.6053.9	device connector RST20I3S S1 M00V BL0	RST® CLASSIC device connector, modular, straight, M20, number of poles 3, model male, connection type screw connection, rated voltage 250 V / 400 V, rated current 20 A, color of coding/ contact carrier light blue
96.034.6053.9	device connector RST20I3S S1 M90V BL0	RST® CLASSIC device connector, modular, angled 90°, M20, number of poles 3, model male, connection type screw connection, rated voltage 250 V / 400 V, rated current 20 A, color of coding/ contact carrier light blue
96.036.6153.9	device connector RST20I3S B1 M13 BL07	RST20i3 device connector (7° angled) M16, 3 pole, male, screw connection, modular, application 250/400V, 20A, coding color light blue, color of housing black

technical drawing





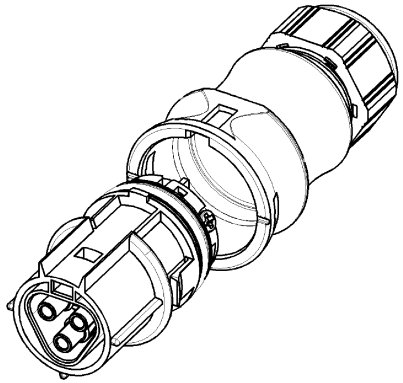
Auslieferungszustand
delivery status



Verpackungseinheit: je 100 Stück
packing unit: per 100

A-A





Teile-Nr./ part-nr.	Farbe:/ color:	Type
96.031.4053.9	lichtblau, ähnl.RAL 5012/ lightblue, similar to RAL 5012	RST2013S B1 ZR1S BL04

Toleranzierung 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 OU-TGM-05/03 ist einzuhalten.
Conformity with Wieland document OU-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: Sheet: 1 von of 1

Werkstoff/Material

Maßstab/Scale 1:1

Vol. mm³ Otl./Surf. mm²

	2007	Tag/Date	Name
gezeichnet drawn		24.08.	Hollet
geprüft checked		-	-
Normgeprüft Stand. check		-	-

Zeichnung Nr./Drawing No. T 96.031.4053.9 01K Index

Maße in mm/Dimensions are in mm

Ersatz für/Replacement for: -

Type

Benennung/Title
BUCHSENTEIL_MIT_ZUGENTLASTUNG
female connector with cord grip
Schraubenschluß ohne Drahtschutz/screw-connection without wire protection
Kodierung/keying 7 (250V/20A) Schaltanwendung/switching's application

wieland
Elektrische Verbindungen

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

OU-PEM-08/91

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Mit /E gekennzeichnete Maße sind nur für interne Zwecke gültig

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

9603140539101K_4 C4DW1019 Morgen 2007-08-31T08:38:54 1.000