product data sheet

item no. 96.032.4553.9

connector RST20I3S S1 ZR3SV BL04

RST® CLASSIC connector, straight, number of poles 3, 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.	96.032.4553.9
EAN	4015573982925
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
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.	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	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	0.347 kWh/St
insulation components continous temperature	100 °C
surface finish	silver-plated

dimensions

length	93.7 mm
width	35.4 mm
height	35.4 mm

accessories

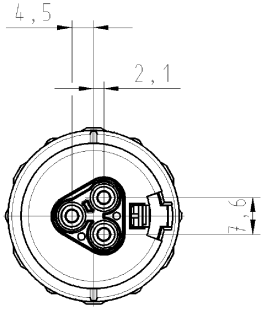
item no.	type	description
05.564.4453.1	cover for male connector SW	RST20i3/2 cover piece, for covering unused male connectors, color black
99.416.6205.2	cover for male connector SW	RST20i3/2 cover piece, for covering unused male connectors, with fastening belt, color black

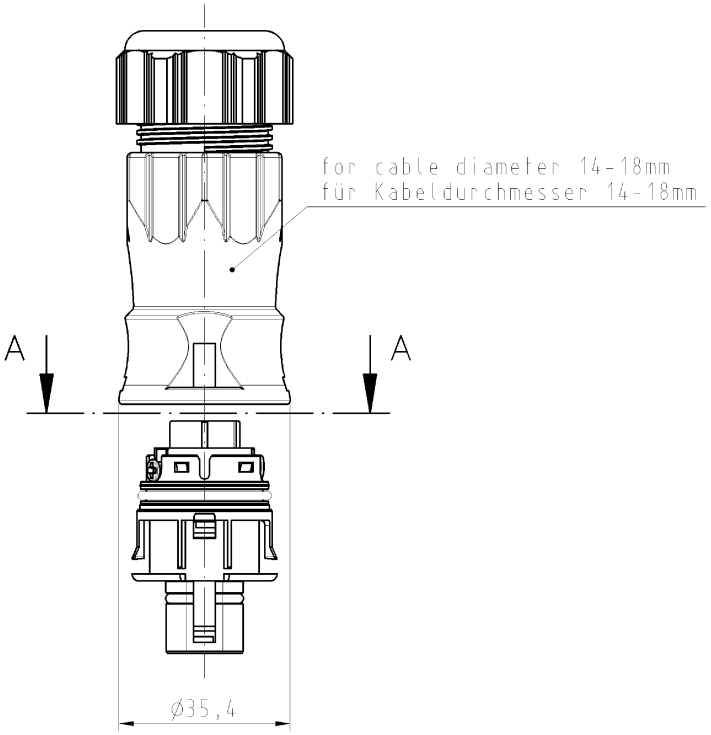
assembly

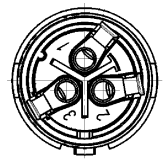
item no.	type	description
96.031.5053.9	device connector RST20I3S B1 M01 BL0	RST® CLASSIC device connector, standard, straight, M25, number of poles 3, model female, connection type screw connection, rated voltage 250 V / 400 V, rated current 20 A, color of coding/ contact carrier light blue
96.031.6153.9	device connector RST20I3S B1 M03 BL0	RST® CLASSIC device connector, modular, straight, M16, number of poles 3, model female, connection type screw connection, rated voltage 250 V / 400 V, rated current 20 A, color of coding/ contact carrier light blue
96.031.6053.9	device connector RST20I3S B1 M00 BL0	RST® CLASSIC device connector, modular, straight, M20, number of poles 3, model female, connection type screw connection, rated voltage 250 V / 400 V, rated current 20 A, color of coding/ contact carrier light blue
96.033.6053.9	device connector RST20I3S B1 M90 BL0	RST® CLASSIC device connector, modular, angled 90°, M20, number of poles 3, model female, connection type screw connection, rated voltage 250 V / 400 V, rated current 20 A, color of coding/ contact carrier light blue
96.035.6153.9	device connector RST20I3S B1 M13 BL07	RST20i3 device connector (7° angled) M16, 3 pole, female, screw connection, modular, application 250/400V, 20A, coding color light blue, color of housing black
96.031.4553.9	connector RST20I3S B1 ZR3S BL04	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 13 - 18 mm, color of coding/ contact carrier light blue

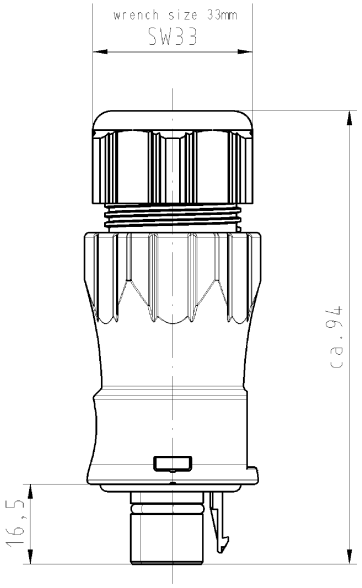
technical drawing

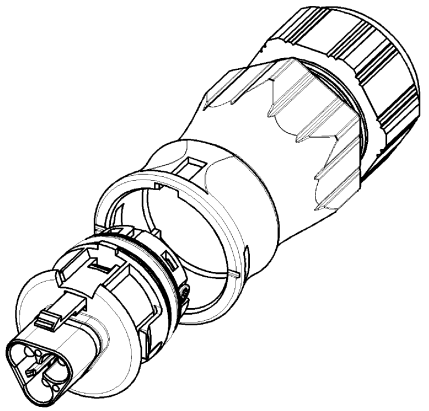
Auslieferungszustand
delivery status











Verpackungseinheit: je 100 Stück
packaging unit: per 100

Teile-Nr./ part-nr.	Farbe:/ color:	Type
96.032.4553.9	lichtblau, ähnl.RAL 5012/ lightblue, similar to RAL 5012	RST2013S S1 ZR3S 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 UU-TGM-05/03 ist einzuhalten.
Conformity with Wieland document UU-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

	Tag/Date	Name
gezeichnet / drawn	2007 27.08.	Hallet
geprüft / checked	-	-
Normgeprüft / Stand. check	-	-

Zeichnung Nr./Drawing No. T 96.032.4553.9 01K

Index

Maße in mm/Dimensions are in mm

Ersatz für/Replacement for: -

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

wieland
Elektrische Verbindungen

Type

Benennung/Title
STECKERTEIL_MIT_ZUGENTLASTUNG_
male connector with cord grip
Schraubanschluss ohne Drahtschutz/screw-connection without wire protextion
Kodierung/keying (250V/20A) Schaltanwendung/switching's application

OU-PEM-08/91

96032455301K_4 CADW1019 Morgen 2007-08-31T09:48:22 1.000

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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