product data sheet

item no. 96.031.4553.1

connector RST20I3S B1 ZR3 SW

RST® CLASSIC connector, straight, number of poles 3, female, connection type screw connection, rated voltage 250 V, rated current 20 A, cable diameter 13 - 18 mm, color of coding/ contact carrier black



item no.	96.031.4553.1
EAN	4015573895058
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
rated impulse voltage	4 kV
strain relief	yes
pollution degree	3
lockable	self-locking (unlocking by tool)
color of coding/ contact carrier	black
marking of poles	L, N, PE
color of housing inclusive strain relief	black
RAL-Nummer Codierung/Kontakteinsatz	9005

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	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	0.365 kWh/St
insulation components continous temperature	100 °C
surface finish	silver-plated

dimensions

length	96 mm
width	35.4 mm
height	35.4 mm

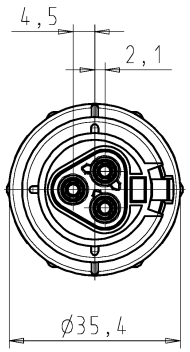
accessories

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

assembly

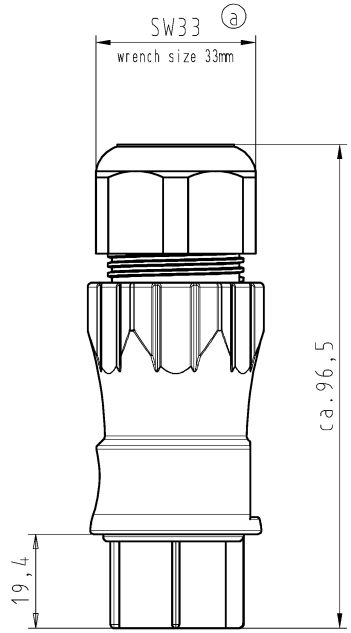
item no.	type	description
96.030.0153.1	distributor RST20I3V 3P1 F V SW	RST® CLASSIC distributor, parallel connection, with fastening option, number of poles 3, rated voltage 250 V, rated current 20 A, number of inputs 1, number of outputs 3, color of coding/ contact carrier black
96.032.5053.1	device connector RST20I3S S1 M01V SW	RST® CLASSIC device connector, standard, straight, M25, number of poles 3, model male, connection type screw connection, rated voltage 250 V, rated current 20 A, color of coding/ contact carrier black
96.032.6153.1	device connector RST20I3S S1 M03V SW	RST® CLASSIC device connector, modular, straight, M16, number of poles 3, model male, connection type screw connection, rated voltage 250 V, rated current 20 A, color of coding/ contact carrier black
96.032.6053.1	device connector RST20I3S S1 M00V SW	RST® CLASSIC device connector, modular, straight, M20, number of poles 3, model male, connection type screw connection, rated voltage 250 V, rated current 20 A, color of coding/ contact carrier black
96.034.6053.1	device connector RST20I3S S1 M90V SW	RST® CLASSIC device connector, modular, angled 90°, M20, number of poles 3, model male, connection type screw connection, rated voltage 250 V, rated current 20 A, color of coding/ contact carrier black
96.036.6153.1	device connector RST20I3S S1 M13V SW	RST® CLASSIC device connector, modular, angled 7°, M16, number of poles 3, model male, connection type screw connection, rated voltage 250 V, rated current 20 A, color of coding/ contact carrier black

technical drawing

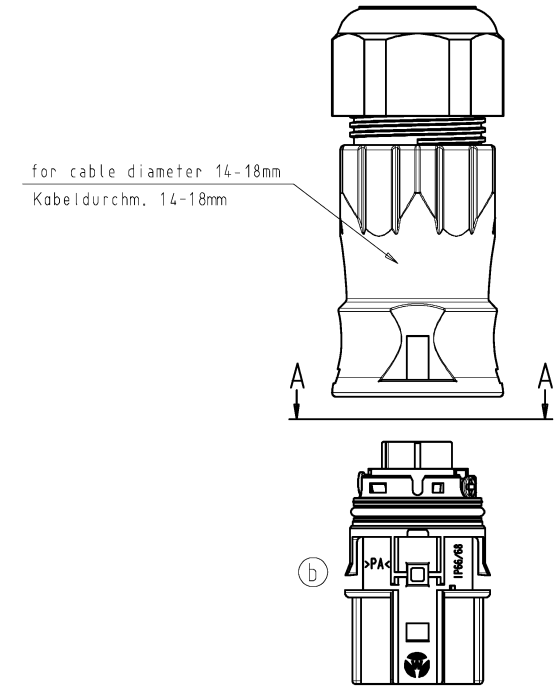


These dimensions will be especially checked at delivery
Only inspection dimensions
With /E marked dimensions are only valid for internal use

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



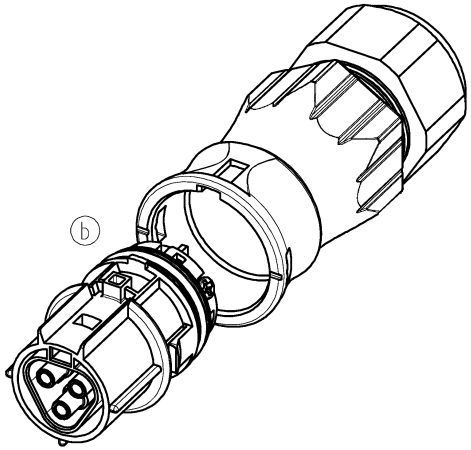
Auslieferungszustand
delivery status



Verpackungseinheit: je 100 Stück
packaging unit: per 100

A-A





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Teile-Nr./ part-nr.	Farbe:/ color:	Type	
96.031.4553.1	schwarz, ähnl. RAL 9005/ black, similar to RAL 9005	RST2013S B1 ZR3	SW
96.031.4553.0	lichtgrau, ähnl.RAL 7035/ lightgrey, similar to RAL 7035	RST2013S B1 ZR3	GL

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).

nein/no ☒ 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: Sheet: 1 von of 1

Index	Datum / Blatt Date / Sheet	Änderung/Revision
b	15.12.2015/	
a	20.02.2006/	

Werkstoff/Material

Maßstab/Scale 1:1

Vol. mm³ Ofl./Surf. mm²

	Tag/Date	Name
2006		
gezeichnet drawn	16.02.	Kneitz
geprüft checked	-	-
Normgepr. Stand. check	-	-

Ersatz für/Replacement for: -

Zeichnung Nr./Drawing No. T 96.031.4553.0 01K Index b

Maße in mm/Dimensions are in mm

wieland
www.wieland-electric.com

Type

Benennung/Title
BUCHSENTEIL_MIT_ZUGENTLASTUNG
female connector with cord grip
Schraubanschluss ohne Drahtschutz/screw-connection without wire protection

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QU-MEE-01/14 -