product data sheet

item no. 96.032.4553.1

connector RST20I3S S1 ZR3 V SW

RST® CLASSIC connector, straight, number of poles 3, male, 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.	96.032.4553.1
EAN	4015573895072
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	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	0.346 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

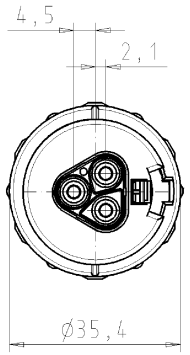
accessories

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

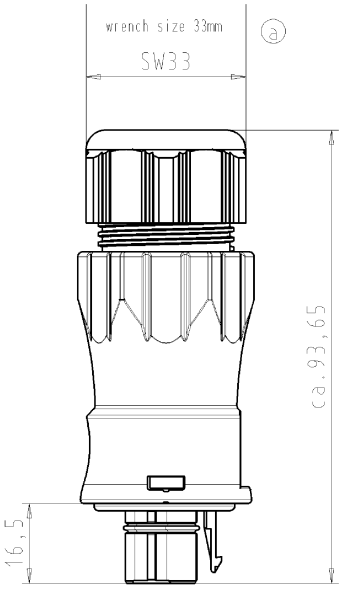
assembly

item no.	type	description
96.030.0153.1	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
96.031.5053.1	device connector RST20I3S B1 M01 SW	RST® CLASSIC device connector, standard, straight, M25, number of poles 3, model female, connection type screw connection, rated voltage 250 V, rated current 20 A, color of coding/ contact carrier black
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
96.031.6153.1	device connector RST20I3S B1 M03 SW	RST® CLASSIC device connector, modular, straight, M16, number of poles 3, model female, connection type screw connection, rated voltage 250 V, rated current 20 A, color of coding/ contact carrier black
96.031.6053.1	device connector RST20I3S B1 M00 SW	RST® CLASSIC device connector, modular, straight, M20, number of poles 3, model female, connection type screw connection, rated voltage 250 V, rated current 20 A, color of coding/ contact carrier black
96.033.6053.1	device connector RST20I3S B1 M90 SW	RST® CLASSIC device connector, modular, angled 90°, M20, number of poles 3, model female, connection type screw connection, rated voltage 250 V, rated current 20 A, color of coding/ contact carrier black
96.035.6153.1	device connector RST20I3S B1 M13 SW	RST® CLASSIC device connector, modular, angled 7°, M16, number of poles 3, model female, connection type screw connection, rated voltage 250 V, rated current 20 A, color of coding/ contact carrier black

technical drawing

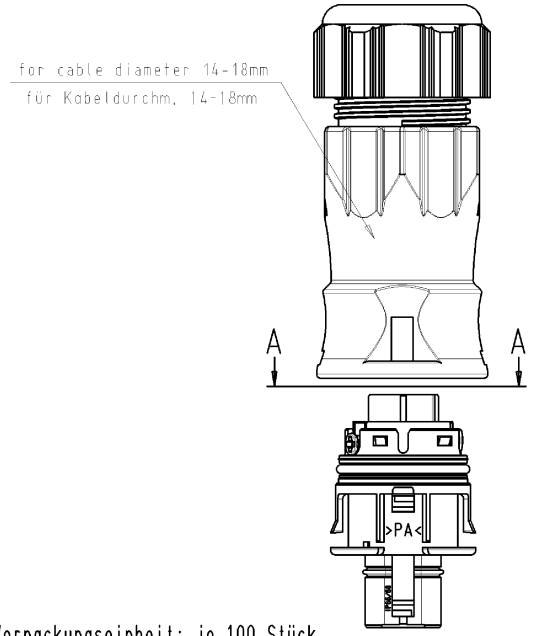


These dimensions will be especially checked at delivery
Only inspection dimensions
With ℄ marked dimensions are only valid for internal use



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

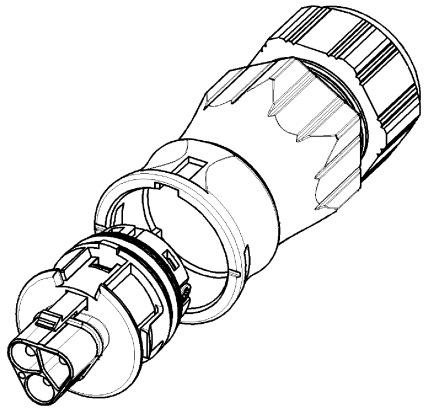
Auslieferungszustand
delivery status



Verpackungseinheit: je 100 Stück
packaging unit: per 100

A-A





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Teile-Nr./ part-nr.	Farbe:/ color:	Type
96.032.4553.1	schwarz, ähnl. RAL 9005/ black, similar to RAL 9005	RST2013S S1 ZR3 V SW
96.032.4553.0	lichtgrau, ähnl.RAL 7035/ lightgrey, similar to RAL 7035	RST2012S S1 ZR3 V GL

Tolerierung 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].

nein/no ☒ Stoffverbots- und Deklarationsliste nach VU-TGM-05/03 ist einzuhalten.
Conformity with Wieland document VU-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 Oft./Surf. mm²

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

Zeichnung Nr./Drawing No.: T 96.032.4553.0 01K Index: a

Maße in mm/Dimensions are in mm

Ersatz für/Replacement for: -

Index	Datum / Blatt / Date / Sheet
a	21.02.2006/

Änderung/Revision

wieland
Elektrische Verbindungen

Type

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

OU-PEM-08/91

9603245530O1K_4 04W1019 Kneitz 2006-02-21T07:29:09 1.000