product data sheet

item no. 96.032.4253.1

connector RST20I3S S1 ZRX V SW

RST® CLASSIC connector, splitter connector, number of poles 3, male, connection type screw connection, rated voltage 250 V, rated current 20 A, cable diameter 6 - 10 mm, color of coding/ contact carrier black



item no.	96.032.4253.1
EAN	4049088039423
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.	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	40.5 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	0.495 kWh/St
insulation components continous temperature	100 °C
surface finish	silver-plated

dimensions

length	93 mm
width	59 mm
height	38 mm

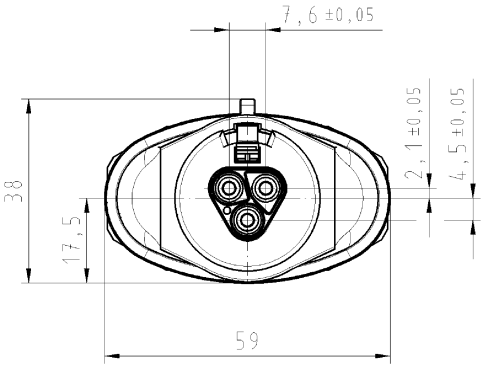
accessories

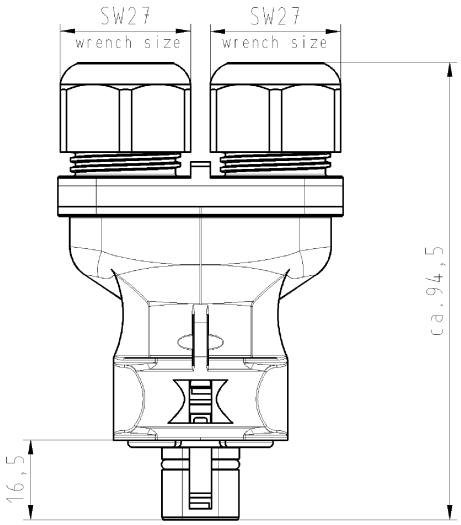
item no.	type	description
05.564.4453.1	cover for male connector SW	RST20i3/2 cover piece, for covering unused male connectors, color black
99.416.6205.2	cover for male connector SW	RST20i3/2 cover piece, for covering unused male connectors, with fastening belt, color black

assembly

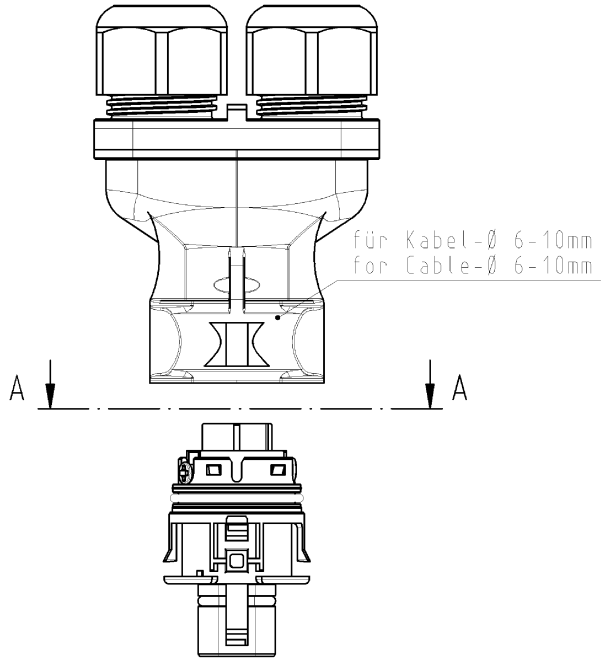
item no.	type	description
96.030.0153.1	distributor RST20I3V 3P1 F V SW	RST® CLASSIC distributor, parallel connection, with fastening option, number of poles 3, rated voltage 250 V, rated current 20 A, number of inputs 1, number of outputs 3, color of coding/ contact carrier black
96.031.5053.1	device 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
96.031.4253.1	connector RST20I3S B1 ZRX SW	RST® CLASSIC connector, splitter connector, number of poles 3, female, connection type screw connection, rated voltage 250 V, rated current 20 A, cable diameter 6 - 10 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





Auslieferungszustand
delivery status



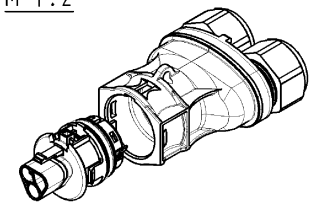
Schnitt A-A
section A-A



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Teile-Nr.	Farbe	Einz-Tl.-Nr.
96.032.4253.0	grau/grey	.._..._..._0
96.032.4253.1	schwarz/black	.._..._..._1

M 1:2



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].

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: 1 von 1 / Sheet: 1 of 1

Werkstoff/Material

Maßstab/Scale: 1:1

	Tag/Date	Name
2008		
gezeichnet / drawn	07.10.	Schwabbauer
geprüft / checked	-	-
Normgeprüft / Stand. check	-	-

Zeichnung Nr./Drawing No.: T 96.032.4253.0 01K

Index

Maße in mm/Dimensions are in mm

Vol. mm³ Ofl./Surf. mm²

Ersatz für/Replacement for: -

wieland
Elektrische Verbindungen

Type

Benennung/Title: MALE CONNECTOR WITH TWIN CORD GRIP
STECKERTEIL_MIT_DOPPELZUGENTLA
mit Schraubanschluss ohne Drahtschutz
screw connection without wire protection

Index / Datum / Blatt / Date / Sheet

Änderung/Revision

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

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

OU-PEM-08/91

9603242530 01K_4 C4DW1024 Schwabbauer 2008-10-08T10:46:51 1.000