product data sheet

item no. 96.021.0253.1

connector RST20I2F B23ZRX SW

RST® CLASSIC connector, splitter connector, number of poles 2, female, connection type spring clamp connection, rated voltage 250 V, rated current 20 A, cable diameter 6 - 10 mm, color of coding/ contact carrier black



item no.	96.021.0253.1
EAN	4015573907911
order unit	100 piece(s)

certificates / approvals

technical data

note

note	fine stranded and stranded conductors require cable end sleeve

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
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.	2.5 mm²
connection cross section solid mm² min.	0.5 mm²
connection cross section fine stranded mm² max.	1.5 mm²
connection cross section fine stranded mm² min.	0.5 mm²
terminations per pole	2
connection cross section stranded mm² min.	0.75 mm²
connection cross section stranded mm² max.	1.5 mm²
sheath strip length	42 mm
wire strip length	14.5 mm

model

model	female
connection type	spring clamp connection
degree of protection (IP)	IP66/68 (3m;2h) /IP69

material

housing material	polyamide
halogen free	yes
contact material	CuZn
fire load	0.518 kWh/St
insulation components continous temperature	100 °C
surface finish	silver-plated

dimensions

length	97 mm
width	59 mm
height	38 mm

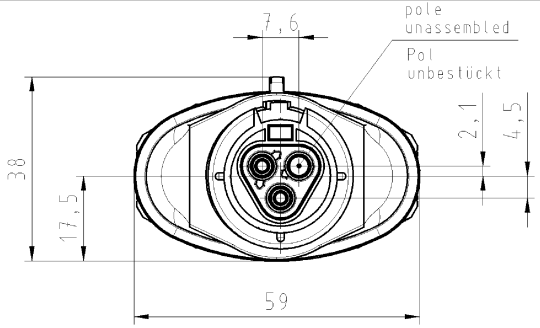
accessories

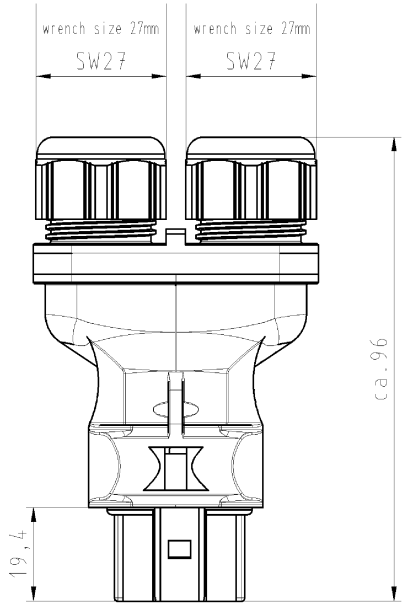
item no.	type	description
99.414.6205.2	cover for female connector SW	RST20i3/2 cover piece, for covering unused female connectors, with fastening belt, color black
Z5.564.4553.1	cover for female connector SW	RST20i3/2 cover piece, for covering unused female connectors, color black
06.502.4300.0	screwdriver DIN 5264 A 0,4 X 2,5	Screw driver according to DIN 5264 A, blade: 0.4x2.5 mm, long and straight version
95.101.1300.0	ferrule crimping tool 0,08 - 10 mm²	Crimping tool for ferrules, wire strip length: 7-28 mm, nominal cross section: 0,08-10 mm², length of tool: 180 mm
06.600.3627.0	ferrule DIN 46228-E1-12	RST ferrule, for spring clamp contact, with insulating sleeve, for cross section 1.0 mm²/AWG17
06.600.3727.0	ferrule DIN 46228-E0,75-12	RST ferrule, for spring clamp contact, with insulating sleeve, for cross section 0.75-1.0 mm²/AWG17
06.600.3827.0	ferrule DIN 46228-E0,5-10	RST ferrule, for spring clamp contact, with insulating sleeve, for cross section 0.5 mm²/AWG20
06.600.3927.0	ferrule DIN 46228-E1,5-12	RST ferrule, for spring clamp contact, with insulating sleeve, for cross section 1.5 mm²/AWG16

assembly

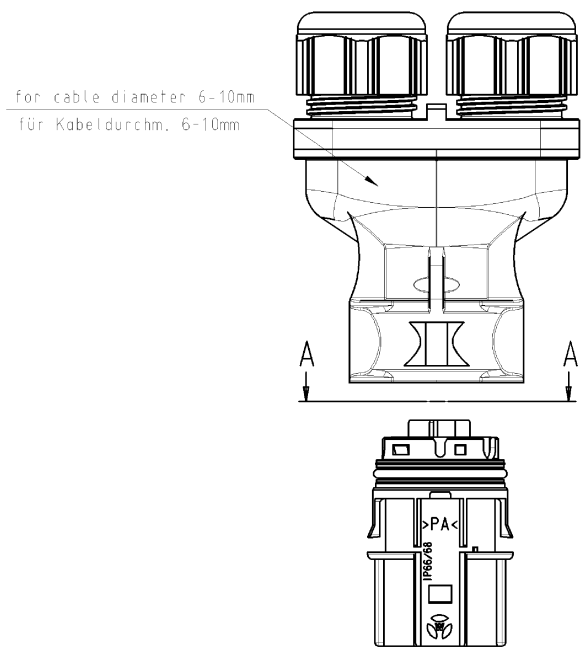
item no.	type	description
96.020.0153.1	distributor RST20I2V 3P1 F V SW	RST® CLASSIC distributor, parallel connection, with fastening option, number of poles 2, rated voltage 250 V, rated current 10 A, number of inputs 1, number of outputs 3, color of coding/ contact carrier black

technical drawing





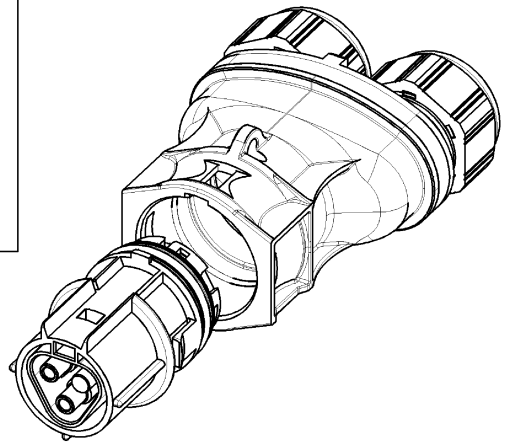
Auslieferungszustand
delivery status



Verpackungseinheit: je 100 Stück
packaging unit: per 100

A-A





Diese Maße werden bei Abnahme besonders geprüft
Ausschließlich Prüfmaße
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

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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: 1 von 1
Sheet: 1 of 1

Teile-Nr./ part-nr.	Farbe:/ color:	Type	
96.021.0253.1	schwarz, ähnl. RAL 9005/ black, similar to RAL 9005	RST2012F B23ZRX	SW
96.021.0253.0	lichtgrau, ähnl.RAL 7035/ lightgrey, similar to RAL 7035	RST2012F B23ZRX	GL

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

Werkstoff/Material

Maßstab/Scale 1:1

Vol. mm³ Oft./Surf. mm²

	Tag/Date	Name
2006		
gezeichnet drawn	21.06.	Kneitz
geprüft checked	-	-
Normgeprüft Stand. check	-	-

Ersatz für/Replacement for: -

Zeichnung Nr./Drawing No. T 96.021.0253.0 01K Index

Maße in mm/Dimensions are in mm

wieland
Elektrische Verbindungen

Type

Benennung/Title
BUCHSENTEIL_M_DOPPELZUGENTL
female connector with double cord grip
Federkraftanschluss/spring-clamp connection
Kodierung/keying 0 (250V/20A)

OU-PEM-08/91

9602102530XK_4 G4W1019 Kneitz 2006-04-21T09:54:11 1.000