product data sheet

item no. 96.021.0453.1

connector RST20I2F B23ZRW SW

RST® CLASSIC connector, straight, for illumination cable, number of poles 2, female, connection type spring clamp connection, rated voltage 250 V, rated current 20 A, cable diameter 5.3 - 13.3 mm, illumination cable (13.3x5.3), color of coding/ contact carrier black



item no.	96.021.0453.1
EAN	4015573874428
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.	13.3 mm
cable diameter min.	5.3 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
special cable geometry	illumination cable (13.3x5.3)
connection cross section stranded mm² min.	0.75 mm²
connection cross section stranded mm² max.	1.5 mm²
sheath strip length	35 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	0.294 kWh/St
insulation components continous temperature	100 °C
surface finish	silver-plated

dimensions

length	82 mm
width	34.6 mm
height	34.6 mm

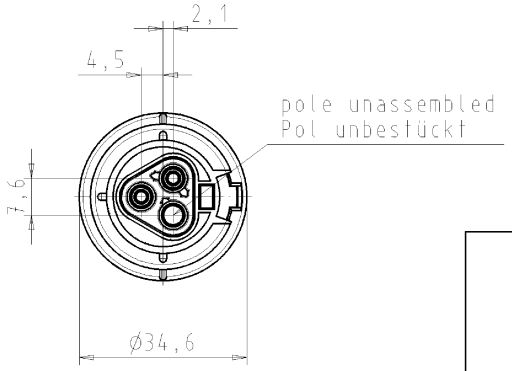
accessories

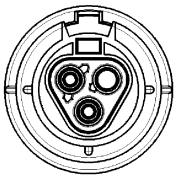
item no.	type	description
99.414.6205.2	cover for female connector SW	RST20i3/2 cover piece, for covering unused female connectors, with fastening belt, color black
Z5.564.4553.1	cover for female connector SW	RST20i3/2 cover piece, for covering unused female connectors, color black
06.502.4300.0	screwdriver 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

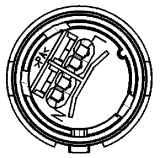
item no.	type	description
96.020.0153.1	distributor RST20I2V 3P1 F V SW	RST® CLASSIC distributor, parallel connection, with fastening option, number of poles 2, rated voltage 250 V, rated current 10 A, number of inputs 1, number of outputs 3, color of coding/ contact carrier black

technical drawing

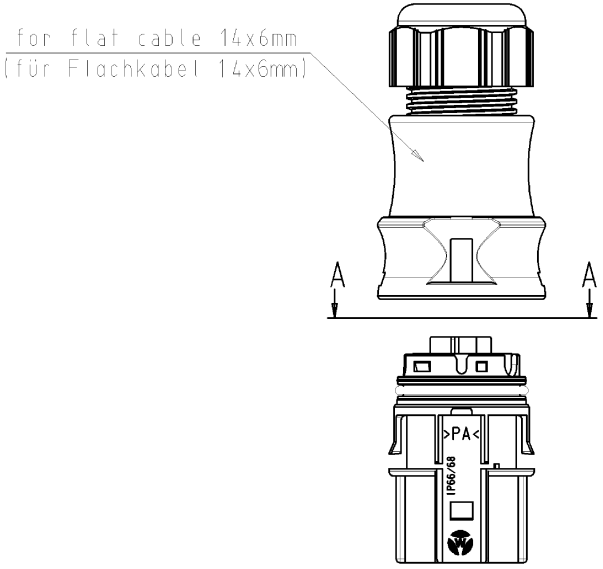




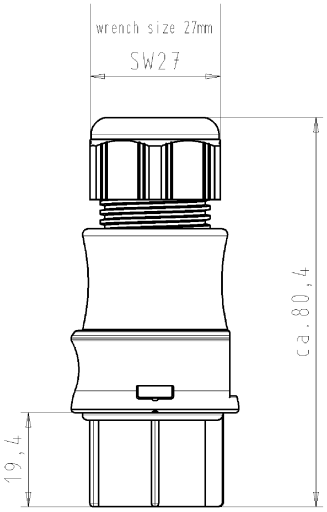
A-A

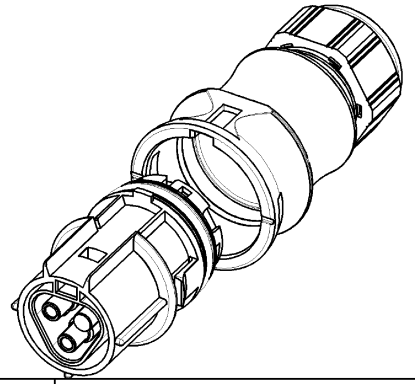


Auslieferungszustand
delivery status



Verpackungseinheit: je 100 Stück
packaging unit: per 100





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

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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 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
96.021.0453.1	schwarz, ähnl. RAL 9005/ black, similar to RAL 9005	RST2012F B23ZRW SW
96.021.0453.0	lichtgrau, ähnl.RAL 7035/ lightgrey, similar to RAL 7035	RST2012F B23ZRW GL

Werkstoff/Material

Maßstab/Scale 1:1

Vol. mm³ Oft./Surf. mm²

	Tag/Date	Name
2005 gezeichnet/drawn	15.11.	Kneitz
geprüft/checked	-	-
Normgeprüft/Stand. check	-	-

Zeichnung Nr./Drawing No. 96.021.0453.0 01K

Index

Maße in mm/Dimensions are in mm

Ersatz für/Replacement for: -

Type

Benennung/Title
BUCHSENTEIL_MIT_ZUGENTLASTUNG
female connector with cord grip
Federkraftanschluss/spring-clamp-connection

wieland
Elektrische Verbindungen

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

OU-PEM-08/91

9602104530O1K_4 04W1019 Kneitz 2005-12-02T13:52:58 1.000