product data sheet

item no. 96.022.0150.8

connector RST20I2F S23ZR2SVL KG06

RST20i2 Connector, straight, number of poles 2, male, connection type spring clamp connection, rated voltage 50 V / 120 V, rated current 20 A, cable diameter 10 - 14 mm, color of coding/ contact carrier pebble grey



item no.	96.022.0150.8
EAN	4015573957107
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	50 V / 120 V
rated impulse voltage	4 kV
strain relief	yes
pollution degree	3
lockable	self-locking (unlocking by tool)
color of coding/ contact carrier	pebble grey
marking of poles	+, -
color of housing inclusive strain relief	black

connection data

cable diameter max.	14 mm
cable diameter min.	10 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	35 mm
wire strip length	14.5 mm

model

model	male
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	0.272 kWh
insulation components continous temperature	100 °C
surface finish	silver-plated

dimensions

length	79.1 mm
width	34.6 mm
height	34.6 mm

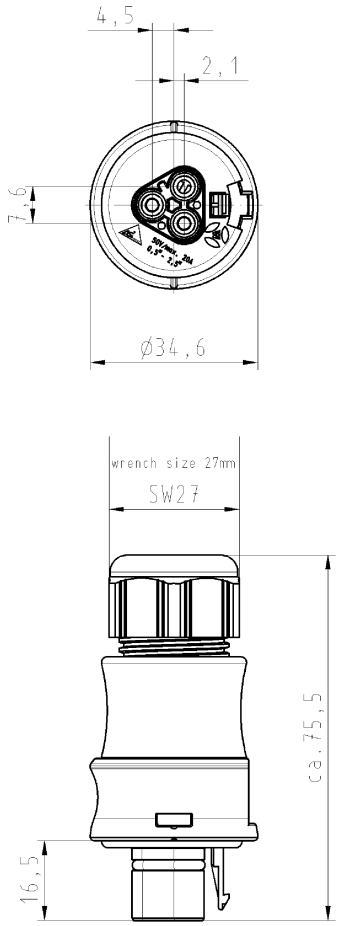
accessories

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
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

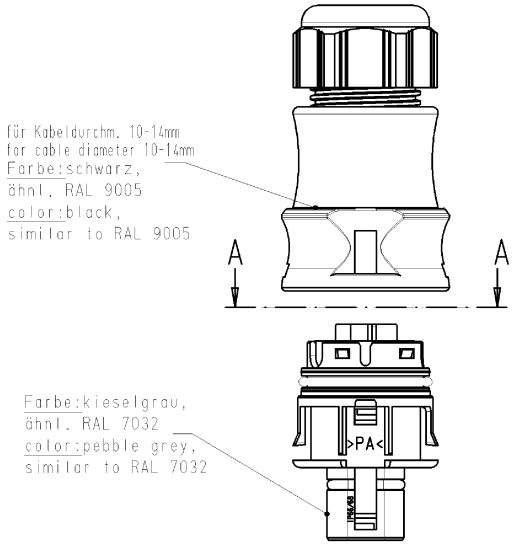
assembly

item no.	type	description
96.020.0150.8	distributor RST20I2V 3P1 F V L KG0	RST20i2 Distributor, parallel connection, with fastening option, number of poles 2, rated voltage 50 V / 120 V, rated current 20 A, number of inputs 1, number of outputs 3, color of coding/ contact carrier pebble grey
96.021.0150.8	connector RST20I2F B23ZR2S L KG06	RST20i2 Connector, straight, number of poles 2, female, connection type spring clamp connection, rated voltage 50 V / 120 V, rated current 20 A, cable diameter 10 - 14 mm, color of coding/ contact carrier pebble grey

technical drawing



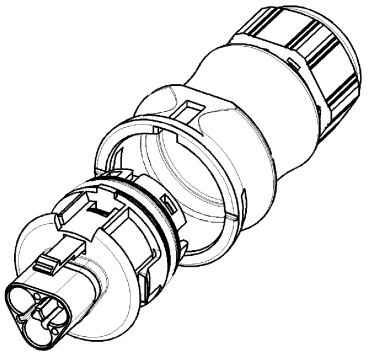
Auslieferungszustand
delivery status



Verpackungseinheit: je 100 Stück
packaging unit: per 100

A-A





Type/type: RST2012F S23ZR2SVL KG06

Toleranz 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	2007	Tag/Date	Name	Zeichnung Nr./Drawing No.	Index
	gezeichnet / drawn	06.02.	Kneitz	96.022.0150.8 01K	
Maßstab/Scale 1:1	geprüft / checked	-	-		
	Normgeprüft / Stand. check	-	-	Maße in mm/Dimensions are in mm	
Vol. mm³ Ofl./Surf. mm²				Ersatz für/Replacement for: -	

wieland
Elektrische Verbindungen

Type

Benennung/Title
STECKERTEIL_MIT_ZUGENTLASTUNG
male connector with cord grip
Federkraftanschluß/spring-clamp connection
Kodierung/keying 6 (24V/20A)

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

OU-PEM-08/91

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

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