product data sheet

item no. 96.021.0050.8

connector RST20I2F B23ZR1S L KG0

RST® CLASSIC connector, straight, number of poles 2, female, connection type spring clamp connection, rated voltage 50 V / 120 V, rated current 20 A, cable diameter 6 - 10 mm, color of coding/ contact carrier pebble grey



item no.	96.021.0050.8
EAN	4015573956612
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
RAL-Nummer Codierung/Kontakteinsatz	7032

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	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	0.293 kWh/St
insulation components continous temperature	100 °C
surface finish	silver-plated

dimensions

length	82 mm
width	34.6 mm
height	34.6 mm

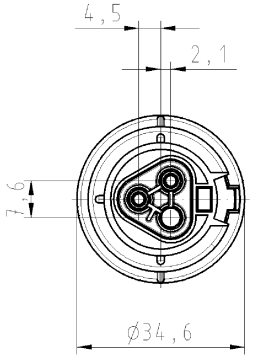
accessories

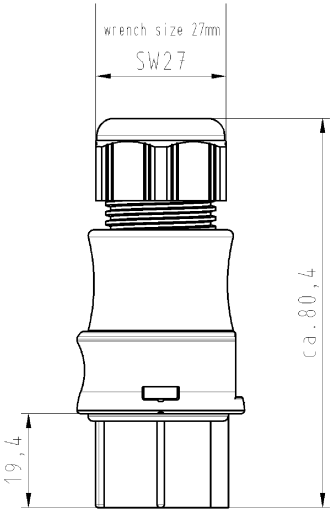
item no.	type	description
99.414.6205.2	cover for female connector SW	RST20i3/2 cover piece, for covering unused female connectors, with fastening belt, color black
Z5.564.4553.1	cover for female connector SW	RST20i3/2 cover piece, for covering unused female connectors, color black
06.502.4300.0	screwdriver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

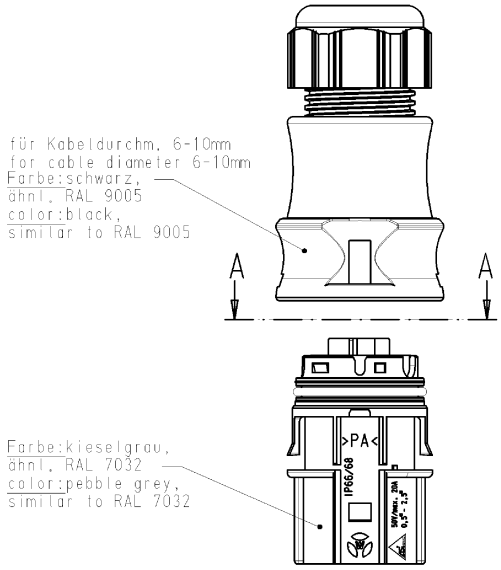
item no.	type	description
96.020.0150.8	distributor RST20I2V 3P1 F V L KG0	RST® CLASSIC distributor, parallel connection, with fastening option, number of poles 2, rated voltage 50 V / 120 V, rated current 20 A, number of inputs 1, number of outputs 3, color of coding/ contact carrier pebble grey

technical drawing





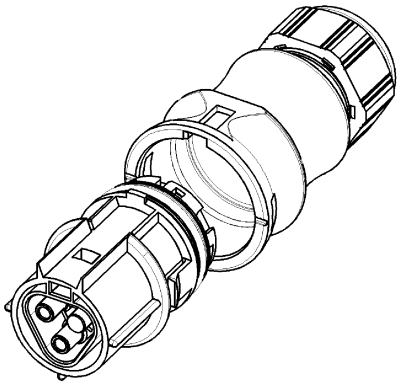
Auslieferungszustand
delivery status



Verpackungseinheit: je 100 Stück
packaging unit: per 100

A-A





Type/type:RST2012F B23ZR1S L KG06

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 UU-TGM-05/03 ist einzuhalten.
Conformity with Wieland document UU-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

	Tag/Date	Name
2007		
gezeichnet / drawn	05.02.	Kneitz
geprüft / checked	-	-
Normgep. Stand. check	-	-

Zeichnung Nr./Drawing No.: 96.021.0050.8 01K

Index

Maße in mm/Dimensions are in mm

Vol. mm³ Ofl./Surf. mm²

Ersatz für/Replacement for: -

Type

Benennung/Title

BUCHSENTEIL_MIT_ZUGENTLASTUNG

female connector with cord grip
Federkraftanschluß/spring-clamp connection
Kodierung/keying 6 (24V/20A)

wieland
Elektrische Verbindungen

Index / Datum / Blatt / Date / Sheet

Änderung/Revision

OU-PEM-08/91

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Ausschließlich Prüfmaße
Mit ∠ gekennzeichnete Maße sind nur für interne Zwecke gültig

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