product data sheet

item no. 96.021.0151.4

connector RST20I2F B23ZR2S L BR01

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 10 - 14 mm, color of coding/ contact carrier signal brown



item no.	96.021.0151.4
EAN	4015573908031
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	signal brown
Pole codification	1, 2
color of housing inclusive strain relief	black
RAL-Nummer Codierung/Kontakteinsatz	8002

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

dimensions

length	82 mm
width	34.6 mm
height	34.6 mm

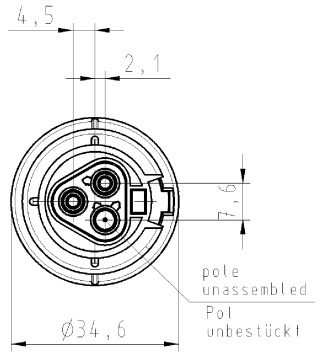
accessories

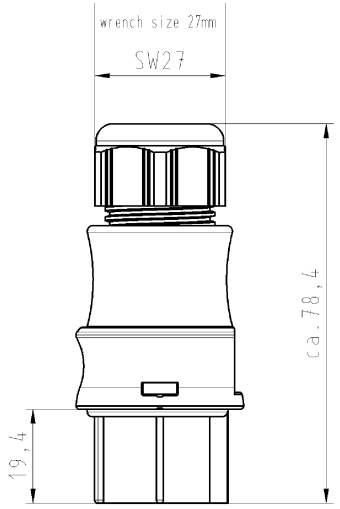
item no.	type	description
99.414.6205.2	cover for female connector SW	RST20i3/2 cover piece, for covering unused female connectors, with fastening belt, color black
Z5.564.4553.1	cover for female connector SW	RST20i3/2 cover piece, for covering unused female connectors, color black
06.502.4300.0	screwdriver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

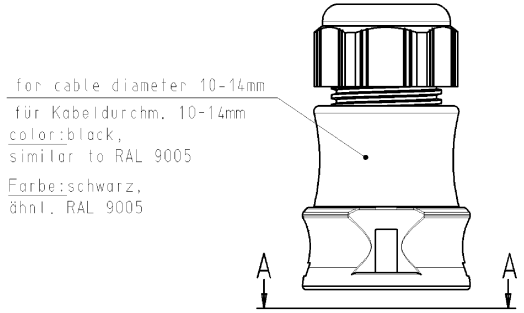
item no.	type	description
96.020.0151.4	distributor RST20I2V 3P1 F V L BR0	RST® CLASSIC distribution block 1I / 3O, rated voltage 50 V / 120 V, rated current 20 A, number of poles 2, degree of protection (ip) IP66/68 (3m 2h) /IP69, number of inputs 1, number of outputs 3, pole codification 1, 2, color of coding/ contact carrier signal brown, ral number coding/contact inse

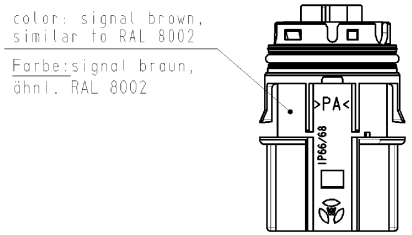
technical drawing





Auslieferungszustand
delivery status

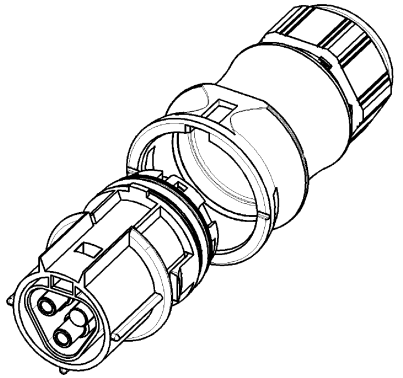




Verpackungseinheit: je 100 Stück
packaging unit: per 100

A-A





Type: RST2012F B23ZR2S L BR01

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/Sheet: 1 von/of 1

		Werkstoff/Material	2006	Tag/Date	Name	Zeichnung Nr./Drawing No.	Index
			gezeichnet/drawn	21.06.	Kneitz	96.021.0151.4 01K	
		Maßstab/Scale 1:1	geprüft/checked	-	-		
			Normgep. Stand. check	-	-	Maße in mm/Dimensions are in mm	
		Vol. mm³ Oft./Surf. mm²	Ersatz für/Replacement for: -				
Index	Datum / Blatt Date / Sheet	wieland Elektrische Verbindungen	Type	Benennung/Title: BUCHSENTEIL_MIT_ZUGENTLASTUNG female connector with cord grip Federkraftanschluss/spring-clamp connection Kodierung/keying 1 (50V/20A)			
Änderung/Revision							

OU-PEM-08/91

Weitergabe sowie Vervielfältigung dieses Dokuments, Verwertung und Mitteilung seines Inhalts sind verboten, soweit nicht ausdrücklich gestattet. The reproduction of this document and utilization of the documents as well as the communication of its contents to others without express authorization is prohibited.

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

9602105140IK_4 CADW1019 Kneitz 2006-04-21T10:56:10 1.000