product data sheet

item no. 96.021.4151.4

connector RST20I2S B13ZR2 L BR01

RST® CLASSIC connector, straight, number of poles 2, female, connection type screw 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.	96.021.4151.4
EAN	4015573904552
order unit	100 piece(s)

certificates / approvals

technical data

note

note	RST® terminals with screw clamping allow the connection of conductors without special preparation (without ferrules) according to EN 60999-1.

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.	6 mm²
connection cross section solid mm² min.	0.75 mm²
connection cross section fine stranded mm² max.	6 mm²
connection cross section fine stranded mm² min.	0.75 mm²
terminations per pole	1
connection cross section stranded mm² min.	0.75 mm²
connection cross section stranded mm² max.	6 mm²
sheath strip length	26.5 mm
wire strip length	8 mm

model

model	female
connection type	screw 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

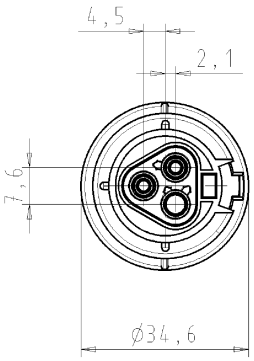
accessories

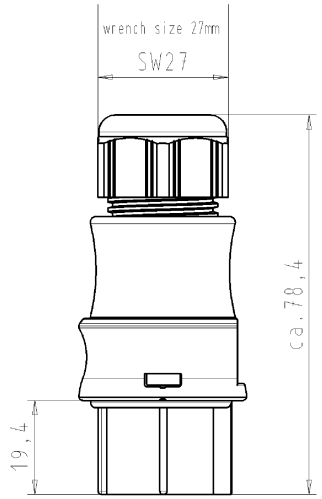
item no.	type	description
99.414.6205.2	cover for female connector SW	RST20i3/2 cover piece, for covering unused female connectors, with fastening belt, color black
Z5.564.4553.1	cover for female connector SW	RST20i3/2 cover piece, for covering unused female connectors, color black

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

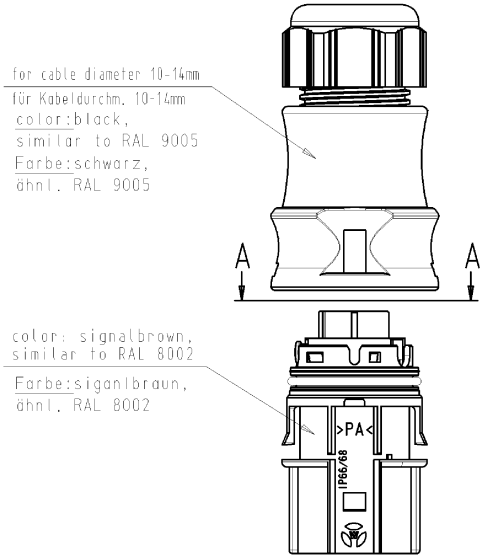




Diese Maße werden bei Abnahme besonders geprüft
Ausschließlich Prüfmaße
Mit /E gekennzeichnete Maße sind nur für interne Zwecke gültig

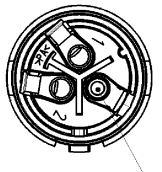
These dimensions will be especially checked at delivery
Only inspection dimensions
With /E marked dimensions are only valid for internal use

Auslieferungszustand
delivery status



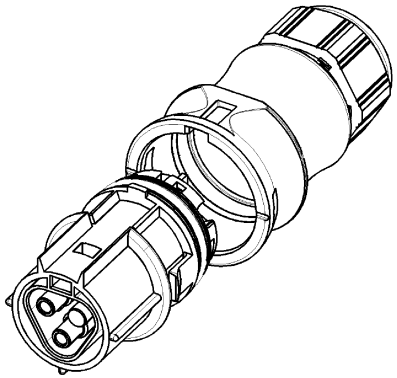
Verpackungseinheit: je 100 Stück
packaging unit: per 100

A-A



pole unassembled
Pol unbestückt

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Type: RST2012S B1 ZR2 L BR01

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].					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	04.06.	Kneitz	96.021.4151.4 01K	
/	/	Maßstab/Scale 1:1	geprüft checked	-	-		
/	/		Normgerr Stand. check	-	-	Maße in mm/Dimensions are in mm	
/	/	Vol. mm³	Oft./Surf. mm²		Ersatz für/Replacement for: -		
/	/	wieland Elektrische Verbindungen		Type	Benennung/Title BUCHSENTEIL_MIT_ZUGENTLASTUNG female connector with cord grip Schraubanschluss ohne Drahtschutz/ screw-connection without wire protection Kodierung/keying 1 (50V/20A)		
Index	Datum / Blatt Date / Sheet						
Änderung/Revision							

OU-PEM-08/91

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