product data sheet

item no. 96.021.4950.8

connector RST20I2S B13ZASS L KG0

RST® CLASSIC connector, straight, for AS-i profile cable, number of poles 2, female, connection type screw connection, rated voltage 50 V / 120 V, rated current 20 A, cable diameter 4 - 10 mm, AS-i profile cable, color of coding/ contact carrier pebble grey



item no.	96.021.4950.8
EAN	4015573971707
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	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.	4 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
special cable geometry	AS-i profile cable
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	0.293 kWh/St
insulation components continous temperature	100 °C
surface finish	silver-plated

dimensions

length	82 mm
width	34.6 mm
height	34.6 mm

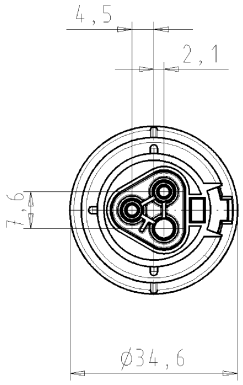
accessories

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

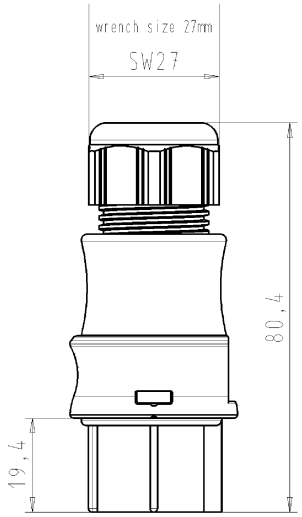
assembly

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

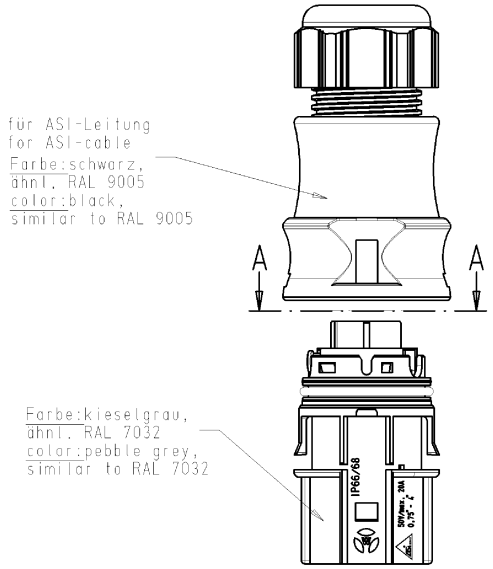


These dimensions will be especially checked at delivery
Only inspection dimensions
With Æ marked dimensions are only valid for internal use



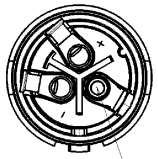
Diese Maße werden bei Abnahme besonders geprüft
Ausschließlich Prüfmaße
Mit Æ gekennzeichnete Maße sind nur für interne Zwecke gültig

Auslieferungszustand
delivery status

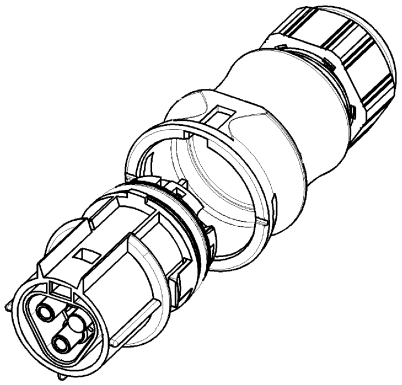


Verpackungseinheit: je 100 Stück
packaging unit: per 100

A-A



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Type/type: RST2012S B13ZASS L KG06

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	2007	Tag/Date	Name	Zeichnung Nr./Drawing No.	Index
			gezeichnet/drawn	29.05.	Winkler	96.021.4950.8 01K	
		Maßstab/Scale 1:1	geprüft/checked	-	-		
			Normgep. Stand. check	-	-	Maße in mm/Dimensions are in mm	
		Vol. mm³ Ofl./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 Schraubanschluß ohne Drahtschutz/screw-connection without wire protection Kodierung/keying 6 (24V/20A)			
Änderung/Revision							

OU-PEM-08/91

9602149508.01K_4 CADW1025 Winkler 2007-06-05T08:45:30 1.000