product data sheet

item no. 96.031.4151.4

connector RST20I3S B1 ZR2S L BR0

RST® CLASSIC connector, straight, number of poles 3, 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.	96.031.4151.4
EAN	4015573950733
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, PE
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	0.295 kWh/St
insulation components continous temperature	100 °C
surface finish	silver-plated

dimensions

length	82 mm
width	34.6 mm
height	34.6 mm

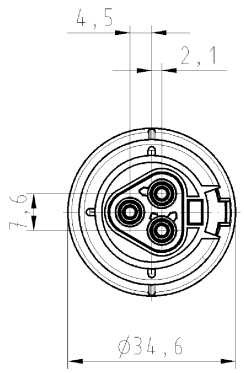
accessories

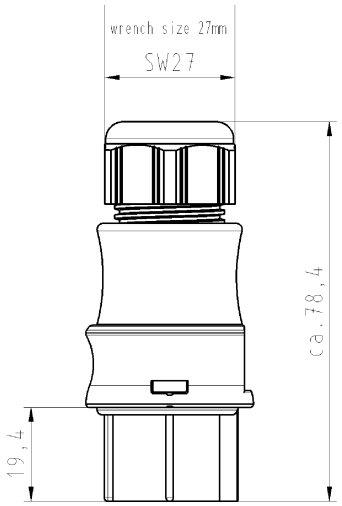
item no.	type	description
99.414.6205.2	cover for female connector SW	RST20i3/2 cover piece, for covering unused female connectors, with fastening belt, color black
Z5.564.4553.1	cover for female connector SW	RST20i3/2 cover piece, for covering unused female connectors, color black
05.564.8653.1	manual disconnect RST20i3/i5 SCHWARZ	Manual disconnect for later installation of RST connectors, color black

assembly

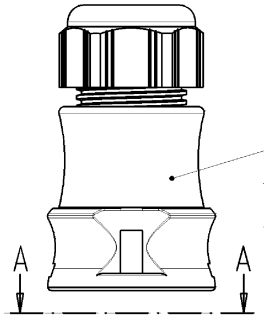
item no.	type	description
96.030.0151.4	distributor RST20I3V 3P1 F V L BR0	RST® CLASSIC distributor, parallel connection, with fastening option, number of poles 3, rated voltage 50 V / 120 V, rated current 20 A, number of inputs 1, number of outputs 3, color of coding/ contact carrier signal brown
96.032.5051.4	device connector RST20I3S S1 M01VL BR0	RST® CLASSIC device connector, standard, straight, M25, number of poles 3, model male, connection type screw connection, rated voltage 50 V / 120 V, rated current 20 A, color of coding/ contact carrier signal brown
96.032.6151.4	device connector RST20I3S S1 M03VL BR0	RST® CLASSIC device connector, modular, straight, M16, number of poles 3, model male, connection type screw connection, rated voltage 50 V / 120 V, rated current 20 A, color of coding/ contact carrier signal brown
96.032.6051.4	device connector RST20I3S S1 M00VL BR0	RST® CLASSIC device connector, modular, straight, M20, number of poles 3, model male, connection type screw connection, rated voltage 50 V / 120 V, rated current 20 A, color of coding/ contact carrier signal brown
96.034.6051.4	device connector RST20I3S S1 M90VL BR0	RST® CLASSIC device connector, modular, angled 90°, M20, number of poles 3, model male, connection type screw connection, rated voltage 50 V / 120 V, rated current 20 A, color of coding/ contact carrier signal brown
96.036.6151.4	device connector RST20I3S B1 M13 L BR01	RST20i3 device connector (7° angled) M16, 3 pole, male, screw connection, modular, application ~50V/-120V with PE, 20A, coding color signal brown, color of housing black

technical drawing



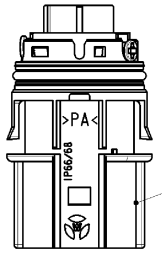


Auslieferungszustand
delivery status



für Kabeldurchm. 10-14mm
for cable diameter 10-14mm

Farbe: schwarz,
ähnl. RAL 9005
color: black,
similar to RAL 9005

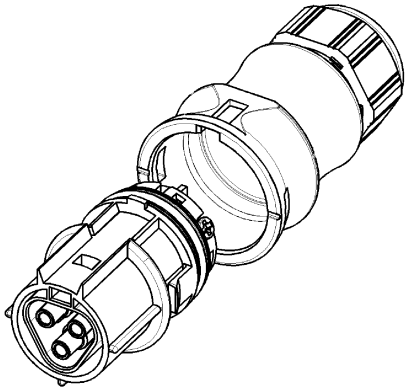


Farbe: signalbraun,
ähnl. RAL 8002
color: signalbrown,
similar to RAL 8002

Verpackungseinheit: je 100 Stück
packaging unit: per 100

A-A





Type/type: RST2013S B1 ZR2S L BR01

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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

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: 1 von 1
Sheet: 1 of 1

		Werkstoff/Material	2006	Tag/Date	Name	Zeichnung Nr./Drawing No.	Index
			gezeichnet drawn	18.12.	Kneitz	96.031.4151.4 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 Schraubanschluß ohne Drahtschutz/screw-connection without wire protection Kodierung/keying 1 (50V/20A)			
Änderung/Revision							

OU-PEM-08/91

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