product data sheet

item no. 96.041.4951.4

connector RST20I4S B1 ZASS L BR01

RST20i4 Connector, straight, number of poles 4, female, connection type screw connection, rated voltage 50 V / 120 V, rated current 20 A, AS-i profile cable, color of coding/ contact carrier signal brown



item no.	96.041.4951.4
EAN	4049088031533
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
marking of poles	1, 2, 3, 4
color of housing inclusive strain relief	black

connection data

cable diameter max.	10 mm
cable diameter min.	4 mm
connection cross section solid mm² max.	4 mm²
connection cross section solid mm² min.	0.75 mm²
connection cross section fine stranded mm² max.	4 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.	4 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
insulation components continous temperature	100 °C
surface finish	silver-plated

dimensions

length	82 mm
width	34.6 mm
height	34.6 mm

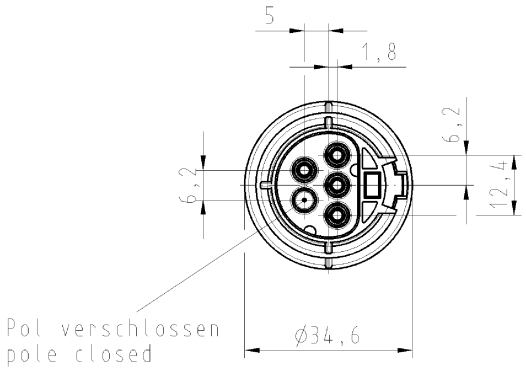
accessories

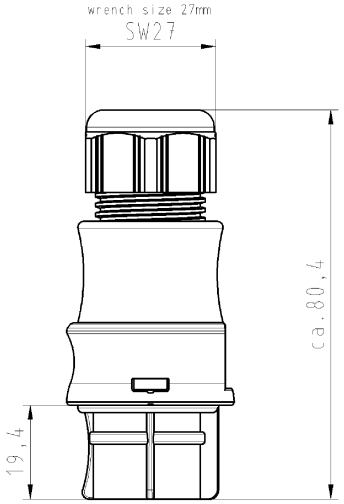
item no.	type	description
99.530.0000.7	cover for female connector SW	RST20i5/4 cover piece, for covering unused female connectors, with fastening belt, color black
Z5.565.9853.1	cover for female connector SW	RST20i5/4 cover piece, for covering unused female connectors, color black
05.564.8653.1	manual disconnect RST20i3/i5 SCHWARZ	Manual disconnect for later installation of RST connectors, color black

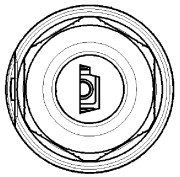
assembly

item no.	type	description
96.044.6051.4	device connector RST20I4S S1 M90VB BR06	RST20i4 Device connector, modular, angled 90°, M20, number of poles 4, model male, connection type screw connection, rated voltage 50 V / 120 V, rated current 20 A, color of coding/ contact carrier signal brown
96.042.5051.4	device connector RST20I4S S1 M01 L BR01	RST20i4 Device connector, standard, straight, M25, number of poles 4, model male, connection type screw connection, rated voltage 50 V / 120 V, rated current 20 A, color of coding/ contact carrier signal brown
96.042.6051.4	device connector RST20I4S S1 M00VL BR01	RST20i4 Device connector, modular, straight, M20, number of poles 4, model male, connection type screw connection, rated voltage 50 V / 120 V, rated current 20 A, color of coding/ contact carrier signal brown
96.044.6251.4	device connector RST20I4S S1 M91V LBR01	RST20i4 Device connector, modular, angled 90°, M25, number of poles 4, model male, connection type screw connection, rated voltage 50 V / 120 V, rated current 20 A, color of coding/ contact carrier signal brown
96.046.6151.4	device connector RST20I4S S1 M13VB BR06	RST20i5/4 device connector (7° angled) M16, 4 pole, male, screw connection, modular, application ~50V/-120V, 20A, coding color signal brown, color of housing black
96.042.6151.4	device connector RST20I4S S1 M03VB BR06	RST20i5/4 device connector M16, 4 pole, male, screw connection, modular, application ~50V/-120V, 20A, coding color signal brown, color of housing black
96.040.0151.4	distributor RST20I4B 3P1 F VGB BR06	RST20i4 Distributor, parallel connection, with fastening option, number of poles 4, 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

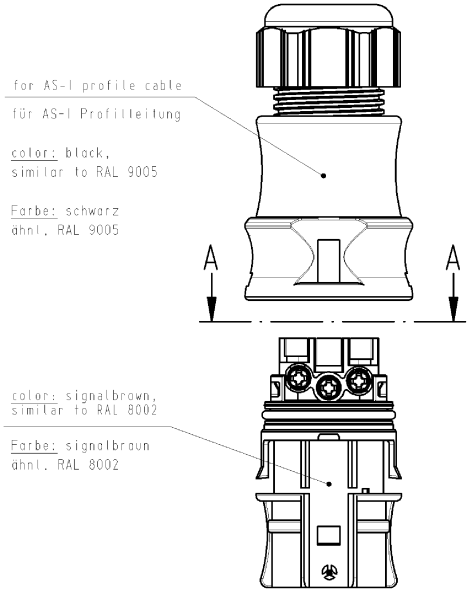
technical drawing





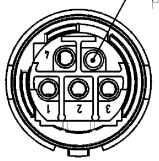


Auslieferungszustand
delivery status

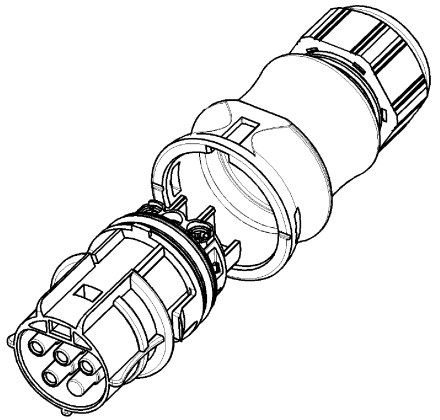


Verpackungseinheit: 100 Stück
packaging unit: 100 pcs

A-A



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Typ: RST2014S B1 ZASSVL 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].					nein/no ☒ 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	2008	Tag/Date	Name	Zeichnung Nr./Drawing No.	Index
	/		gezeichnet drawn	08.08.	Schwabbauer	96.041.4951.4 01K	
	/	Maßstab/Scale 1:1	geprüft checked	-	-		
	/		Normgeprüft Stand. check	-	-	Maße in mm/Dimensions are in mm	
	/	Vol. mm³ Ofl./Surf. mm²	Ersatz für/Replacement for: -				
	/	wieland Elektrische Verbindungen	Type	Benennung/Title BUCHSENTEIL_MIT_ZUGENTLASTUNG female connector with cord grip for AS-I cable Schraubanschluss ohne Drahtschutz/ screw connection without wire protection Kodierung/keying 1 (Niedervolt/low voltage)			
Index	Datum / Blatt Date / Sheet						
Änderung/Revision							

OU-PEM-08/91

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