product data sheet

item no. 96.042.4051.4

connector RST20I4S S1 ZR1SVL BR01

RST® CLASSIC connector, straight, number of poles 4, male, connection type screw connection, rated voltage 50 V / 120 V, rated current 20 A, cable diameter 6 - 10 mm, color of coding/ contact carrier signal brown



item no.	96.042.4051.4
EAN	4049088016462
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
RAL-Nummer Codierung/Kontakteinsatz	8002

connection data

cable diameter max.	10 mm
cable diameter min.	6 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
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	male
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	0.288 kWh/St
insulation components continous temperature	100 °C
surface finish	silver-plated

dimensions

length	78.4 mm
width	34.6 mm
height	34.6 mm

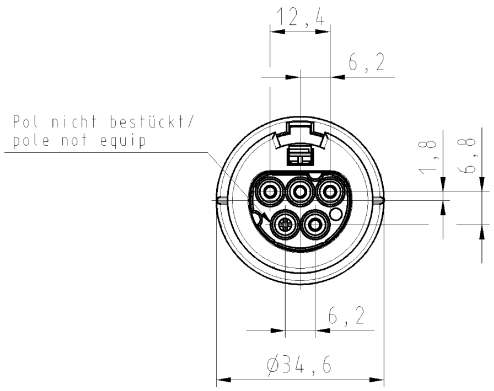
accessories

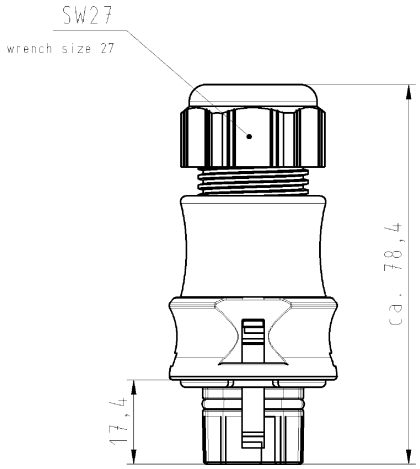
item no.	type	description
05.565.9953.1	cover for male connector SW	RST20i5/4 cover piece, for covering unused male connectors, color black
99.532.0000.7	cover for male connector SW	RST20i5/4 cover piece, for covering unused male connectors, with fastening belt, color black

assembly

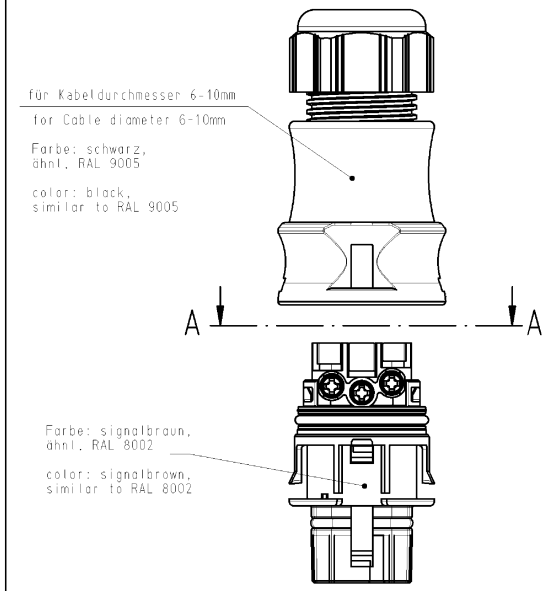
item no.	type	description
96.043.6051.4	device connector RST20I4S B1 M00 B BR06	RST20i5/4 device connector (90° angled) M20, 4 pole, female, screw connection, modular, application ~50V/-120V, 20A, coding color signal brown, color of housing black
96.041.4051.4	connector RST20I4S B1 ZR1S L BR01	RST® CLASSIC connector, straight, number of poles 4, female, connection type screw connection, rated voltage 50 V / 120 V, rated current 20 A, cable diameter 6 - 10 mm, color of coding/ contact carrier signal brown
96.041.5051.4	device connector RST20I4S B1 M01 L BR01	RST® CLASSIC device connector, standard, straight, M25, number of poles 4, model female, connection type screw connection, rated voltage 50 V / 120 V, rated current 20 A, color of coding/ contact carrier signal brown
96.041.6051.4	device connector RST20I4S B1 M00 L BR01	RST® CLASSIC device connector, modular, straight, M20, number of poles 4, model female, connection type screw connection, rated voltage 50 V / 120 V, rated current 20 A, color of coding/ contact carrier signal brown
96.043.6251.4	device connector RST20I4S B1 M91 LBR01	RST® CLASSIC device connector, modular, angled 90°, M25, number of poles 4, model female, connection type screw connection, rated voltage 50 V / 120 V, rated current 20 A, color of coding/ contact carrier signal brown
96.045.6151.4	device connector RST20I4S B1 M13 B BR06	RST20i5/4 device connector (7° angled) M16, 4 pole, female, screw connection, modular, application ~50V/-120V, 20A, coding color signal brown, color of housing black
96.041.6151.4	device connector RST20I4S B1 M03 L BR06	RST20i5/4 device connector M16, 4 pole, female, 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	RST® CLASSIC 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

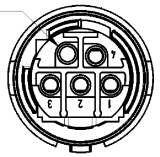


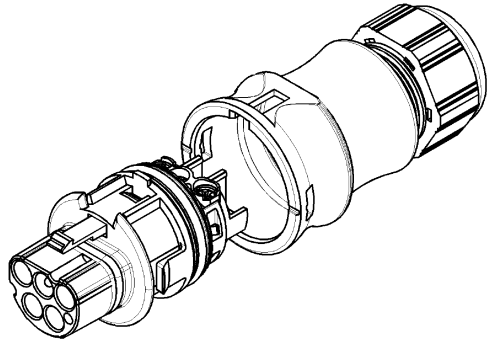


Auslieferungszustand
delivery status



A-A





Type: RST2014S_S1_ZR1SVL_BR01

Verpackungseinheit: 100 Stück
packaging unit: 100 pcs.

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-TOM-05/03 ist einzuhalten. Conformity with Wieland document UU-TOM-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	2012	Tag/Date	Name	Zeichnung Nr./Drawing No. 96.042.4051.4 01K Index
			gezeichnet drawn	23.08.	Ritter	
		Maßstab/Scale 1:1	geprüft checked	-	-	
			Normgepr. Stand. check	-	-	Maße in mm/Dimensions are in mm
		Vol. mm³ Oft./Surf. mm	Ersatz für/Replacement for: -			
Index	Datum / Blatt Date / Sheet	wieland Elektrische Verbindungen	Type	Benennung/Title STECKERTEIL_MIT_ZUGENTLASTUNG male connector with cord grip Schraubanschluss ohne Drahtschutz/screw-connection without wire protection Kodierung/keying 1 (Niedervolt/low voltage)		
Änderung/Revision						OU-PEM-08/91

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Ausschließlich Prüfmaße
Mit /E gekennzeichnete Maße sind nur für interne Zwecke gültig

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