product data sheet

item no. 96.032.4051.4

connector RST20I3S S1 ZR1SVL BR0

RST® CLASSIC connector, straight, number of poles 3, 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.	96.032.4051.4
EAN	4015573952980
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, PE
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.	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	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	0.272 kWh/St
insulation components continous temperature	100 °C
surface finish	silver-plated

dimensions

length	79.1 mm
width	34.6 mm
height	34.6 mm

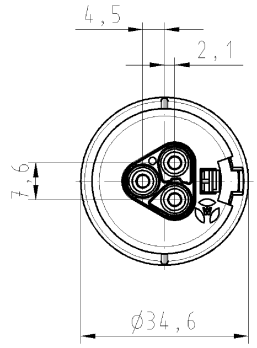
accessories

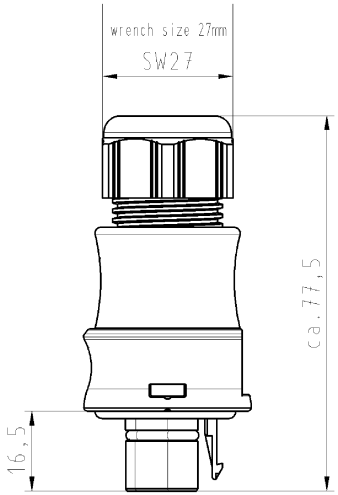
item no.	type	description
05.564.4453.1	cover for male connector SW	RST20i3/2 cover piece, for covering unused male connectors, color black
99.416.6205.2	cover for male connector SW	RST20i3/2 cover piece, for covering unused male connectors, with fastening belt, color black

assembly

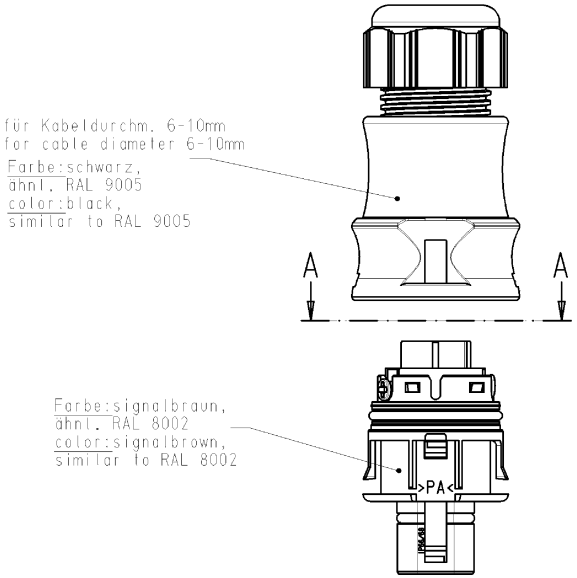
item no.	type	description
96.030.0151.4	distributor RST20I3V 3P1 F V L BR0	RST® CLASSIC distributor, parallel connection, with fastening option, number of poles 3, rated voltage 50 V / 120 V, rated current 20 A, number of inputs 1, number of outputs 3, color of coding/ contact carrier signal brown
96.031.5051.4	device connector RST20I3S B1 M01 L BR0	RST® CLASSIC device connector, standard, straight, M25, number of poles 3, model female, connection type screw connection, rated voltage 50 V / 120 V, rated current 20 A, color of coding/ contact carrier signal brown
96.031.4051.4	connector RST20I3S B1 ZR1S 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 6 - 10 mm, color of coding/ contact carrier signal brown
96.031.6151.4	device connector RST20I3S B1 M03 L BR0	RST® CLASSIC device connector, modular, straight, M16, number of poles 3, model female, connection type screw connection, rated voltage 50 V / 120 V, rated current 20 A, color of coding/ contact carrier signal brown
96.031.6051.4	device connector RST20I3S B1 M00 L BR0	RST® CLASSIC device connector, modular, straight, M20, number of poles 3, model female, connection type screw connection, rated voltage 50 V / 120 V, rated current 20 A, color of coding/ contact carrier signal brown
96.033.6051.4	device connector RST20I3S B1 M90 L BR0	RST® CLASSIC device connector, modular, angled 90°, M20, number of poles 3, model female, connection type screw connection, rated voltage 50 V / 120 V, rated current 20 A, color of coding/ contact carrier signal brown
96.035.6151.4	device connector RST20I3S B1 M13 L BR01	RST20i3 device connector (7° angled) M16, 3 pole, female, screw connection, modular, application ~50V/-120V with PE, 20A, coding color signal brown, color of housing black

technical drawing





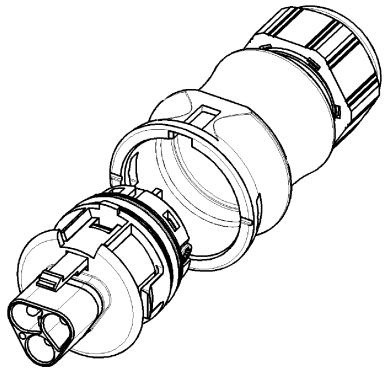
Auslieferungszustand
delivery status



Verpackungseinheit: je 100 Stück
packaging unit: per 100

A-A





Type/type: RST2013S S1 ZR1S L BR01

Weitergabe sowie Vervielfältigung dieses Dokuments, Verwertung und Mitteilung seines Inhalts sind verboten, soweit nicht ausdrücklich gestattet. The reproduction, distribution and utilization of this document as well as the communication of its contents to others without express authorization is prohibited.

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

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 QU-TGM-05/03 ist einzuhalten. Conformity with Wieland document QU-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	16.01.	Kneitz	96.032.4051.4 01K	
		Maßstab/Scale 1:1	geprüft/checked	-	-		
			Normgeprüft/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: STECKERTEIL_MIT_ZUGENTLASTUNG male connector with cord grip Schraubanschluß ohne Drahtschutz/screw-connection without wire protection Kodierung/keying 0 (50V/20A)			
Änderung/Revision							

96032405 1401K_4 CADW1019 Kneitz 2007-01-16T14:14:53 1.000

QU-PEM-08/91