product data sheet

item no. 96.031.0053.9

connector RST20I3F B2 ZR1S BL0

RST® CLASSIC connector, straight, number of poles 3, female, connection type spring clamp connection, rated voltage 250 V / 400 V, rated current 20 A, cable diameter 6 - 10 mm, color of coding/ contact carrier light blue



item no.	96.031.0053.9
EAN	4015573981782
order unit	100 piece(s)

certificates / approvals

technical data

note

note	fine stranded and stranded conductors require cable end sleeve

general

rated current	20 A
rated voltage	250 V / 400 V
rated impulse voltage	4 kV
strain relief	yes
pollution degree	3
lockable	self-locking (unlocking by tool)
color of coding/ contact carrier	light blue
Pole codification	1, 2, 3
color of housing inclusive strain relief	black
RAL-Nummer Codierung/Kontakteinsatz	5012

connection data

cable diameter max.	10 mm
cable diameter min.	6 mm
connection cross section solid mm² max.	2.5 mm²
connection cross section solid mm² min.	0.5 mm²
connection cross section fine stranded mm² max.	1.5 mm²
connection cross section fine stranded mm² min.	0.5 mm²
terminations per pole	2
connection cross section stranded mm² min.	0.75 mm²
connection cross section stranded mm² max.	1.5 mm²
sheath strip length	35 mm
wire strip length	14.5 mm

model

model	female
connection type	spring clamp 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

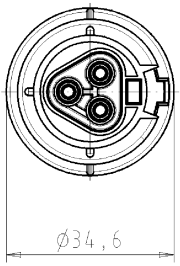
accessories

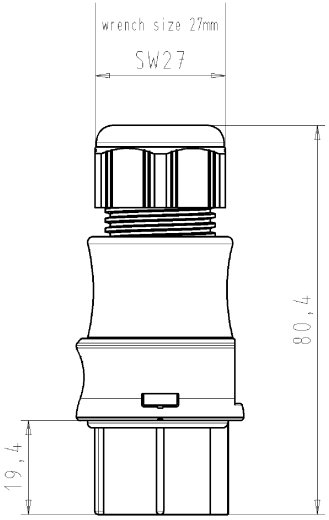
item no.	type	description
99.414.6205.2	cover for female connector SW	RST20i3/2 cover piece, for covering unused female connectors, with fastening belt, color black
Z5.564.4553.1	cover for female connector SW	RST20i3/2 cover piece, for covering unused female connectors, color black
05.564.8653.1	manual disconnect RST20i3/i5 SCHWARZ	Manual disconnect for later installation of RST connectors, color black
06.502.4300.0	screwdriver DIN 5264 A 0,4 X 2,5	Screw driver according to DIN 5264 A, blade: 0.4x2.5 mm, long and straight version
95.101.1300.0	ferrule crimping tool 0,08 - 10 mm²	Crimping tool for ferrules, wire strip length: 7-28 mm, nominal cross section: 0,08-10 mm², length of tool: 180 mm
06.600.3627.0	ferrule DIN 46228-E1-12	RST ferrule, for spring clamp contact, with insulating sleeve, for cross section 1.0 mm²/AWG17
06.600.3727.0	ferrule DIN 46228-E0,75-12	RST ferrule, for spring clamp contact, with insulating sleeve, for cross section 0.75-1.0 mm²/AWG17
06.600.3827.0	ferrule DIN 46228-E0,5-10	RST ferrule, for spring clamp contact, with insulating sleeve, for cross section 0.5 mm²/AWG20
06.600.3927.0	ferrule DIN 46228-E1,5-12	RST ferrule, for spring clamp contact, with insulating sleeve, for cross section 1.5 mm²/AWG16

assembly

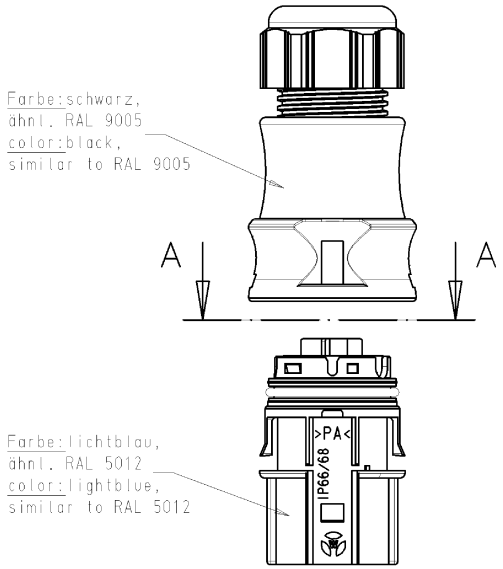
item no.	type	description
96.032.1053.9	device connector RST20I3F S2 M01V BL0	RST® CLASSIC device connector, standard, straight, M25, number of poles 3, model male, connection type spring clamp connection, rated voltage 250 V / 400 V, rated current 20 A, color of coding/ contact carrier light blue
96.032.2153.9	device connector RST20I3F S2 M03V BL0	RST® CLASSIC device connector, modular, straight, M16, number of poles 3, model male, connection type spring clamp connection, rated voltage 250 V / 400 V, rated current 20 A, color of coding/ contact carrier light blue
96.032.2053.9	device connector RST20I3F S2 M00V BL0	RST® CLASSIC device connector, modular, straight, M20, number of poles 3, model male, connection type spring clamp connection, rated voltage 250 V / 400 V, rated current 20 A, color of coding/ contact carrier light blue
96.034.2053.9	device connector RST20I3F S2 M90V BL0	RST® CLASSIC device connector, modular, angled 90°, M20, number of poles 3, model male, connection type spring clamp connection, rated voltage 250 V / 400 V, rated current 20 A, color of coding/ contact carrier light blue
96.036.2153.9	device connector RST20I3F B2 M13 BL07	RST20i3 device connector (7° angled) M16, 3 pole, male, spring clamp connection, modular, application 250/400V, 20A, coding color light blue, color of housing black

technical drawing



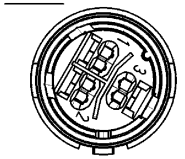


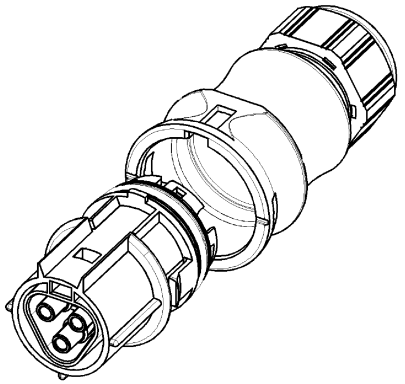
Auslieferungzustand
delivery status



Verpackungseinheit: je 100 Stück
packaging unit: per 100

A-A





Type/type: RST2013F B2 ZR1S BL04

Toleranz 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

Maßstab/Scale: 1:1

	Tag/Date	Name
2007		
gezeichnet / drawn	28.08.	Morgen
geprüft / checked	-	-
Normgep. Stand. check	-	-

Vol. mm³ Ofl./Surf. mm²

Ersatz für/Replacement for: -

Zeichnung Nr./Drawing No.: 96.031.0053.9 01K

Index

Maße in mm/Dimensions are in mm

wieland
Elektrische Verbindungen

Type

Benennung/Title: BUCHSENTEIL_MIT_ZUGENTLASTUNG
female connector with cord grip
Federkraftanschluß/spring-clamp connection
Kodierung/keying 7 (20A/250V)

Index | Datum / Blatt / Date / Sheet | Änderung/Revision

OU-PEM-08/91

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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

9603100539.01K_4 CADW1019 Morgen 2007-08-28T15:03:26 1.000