product data sheet

item no. 96.032.0555.7

connector RST20I3F S2 ZR3SVH GN02

RST® CLASSIC connector, straight, number of poles 3, male, connection type spring clamp connection, rated voltage 250 V / 400 V, rated current 20 A, cable diameter 13 - 18 mm, color of coding/ contact carrier leaves green



item no.	96.032.0555.7
EAN	4015573875029
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	leaves green
marking of poles	1, 2, PE
color of housing inclusive strain relief	black
RAL-Nummer Codierung/Kontakteinsatz	6002

connection data

cable diameter max.	18 mm
cable diameter min.	13 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	50 mm
wire strip length	14.5 mm

model

model	male
connection type	spring clamp connection

degree of protection (IP)	IP66/68 (3m;2h) /IP69
remark to type of connection	fine stranded and stranded conductors require cable end sleeve

material

housing material	polyamide
halogen free	yes
contact material	CuZn
fire load	0.347 kWh/St
insulation components continous temperature	100 °C
surface finish	silver-plated

dimensions

length	93.7 mm
width	35.4 mm
height	35.4 mm

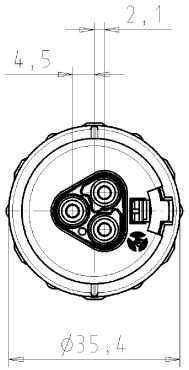
accessories

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
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

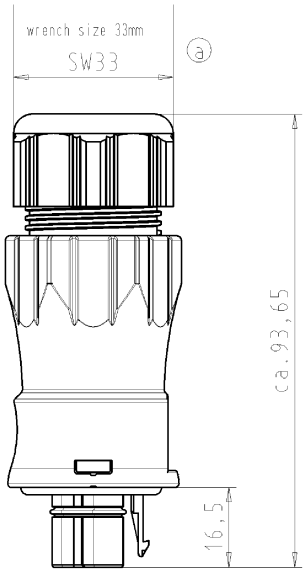
assembly

item no.	type	description
96.030.0155.7	distributor RST20I3V 3P1 F V H GN0	RST® CLASSIC distributor, parallel connection, with fastening option, number of poles 3, rated voltage 250 V / 400 V, rated current 20 A, number of inputs 1, number of outputs 3, color of coding/ contact carrier leaves green
96.031.1055.7	device connector RST20I3F B2 M01 H GN0	RST® CLASSIC device connector, standard, straight, M25, number of poles 3, model female, connection type spring clamp connection, rated voltage 250 V / 400 V, rated current 20 A, color of coding/ contact carrier leaves green
96.233.1031.7	cable assembly RST20I3K1BS 25 H 10GN0	RST® CLASSIC connecting cable, female - male, number of poles 3, rated voltage 250 V / 400 V, rated current 20 A, cable type H07RN-F, fire class Eca, total length 1 m, nominal cross section conductor 2.5 mm², color of coding/ contact carrier leaves green
96.031.2155.7	device connector RST20I3F B2 M03 H GN0	RST® CLASSIC device connector, modular, straight, M16, number of poles 3, model female, connection type spring clamp connection, rated voltage 250 V / 400 V, rated current 20 A, color of coding/ contact carrier leaves green
96.031.2055.7	device connector RST20I3F B2 M00 H GN0	RST® CLASSIC device connector, modular, straight, M20, number of poles 3, model female, connection type spring clamp connection, rated voltage 250 V / 400 V, rated current 20 A, color of coding/ contact carrier leaves green
96.033.2055.7	device connector RST20I3F B2 M90 H GN0	RST® CLASSIC device connector, modular, angled 90°, M20, number of poles 3, model female, connection type spring clamp connection, rated voltage 250 V / 400 V, rated current 20 A, color of coding/ contact carrier leaves green
96.035.2155.7	device connector RST20I3F B2 M13 L GN02	RST20i3 device connector (7° angled) M16, 3 pole, female, spring clamp connection, modular, application 250/400V with PE, 20A, coding color leaf green, color of housing black
96.031.0555.7	connector RST20I3F B2 ZR3S H GN02	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 13 - 18 mm, color of coding/ contact carrier leaves green

technical drawing

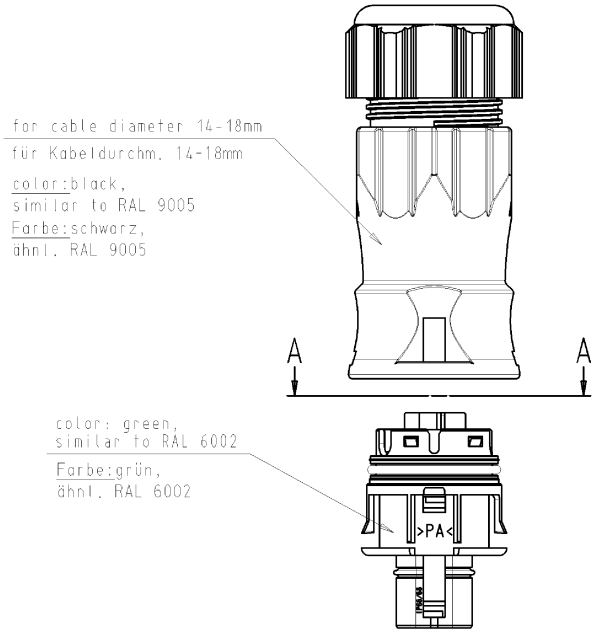


These dimensions will be especially checked at delivery
Only inspection dimensions
With Æ marked dimensions are only valid for internal use



Diese Maße werden bei Abnahme besonders geprüft
Ausschließlich Prüfmaße
Mit Æ gekennzeichnete Maße sind nur für interne Zwecke gültig

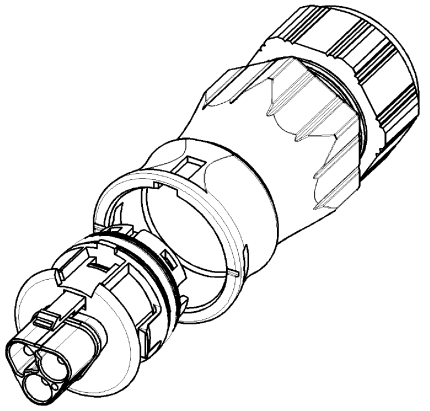
Auslieferungszustand
delivery status



Verpackungseinheit: je 100 Stück
packaging unit: per 100

A-A





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Type: RST2013F S2 ZR3SVH GN02

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 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: Sheet: 1 von of 1

	/	Werkstoff/Material	2005	Tag/Date	Name	Zeichnung Nr./Drawing No.	Index
	/		gezeichnet drawn	03.11.	Kneitz	96.032.0555.7 01K	a
	/	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: -				
	/	wieland Elektrische Verbindungen	Type	Benennung/Title STECKERTEIL_MIT_ZUGENTLASTUNG male connector with cord grip Federkraftanschluss für 400V/spring-clamp-connection for 400V			
a	21.02.2006/						
Index	Datum / Blatt Date / Sheet						
Änderung/Revision							

OU-PEM-08/91

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