product data sheet

item no. 96.032.1053.1

device connector RST20I3F S2 M01V SW

RST® CLASSIC device connector, standard, straight, M25, number of poles 3, model male, connection type spring clamp connection, rated voltage 250 V, rated current 20 A, color of coding/ contact carrier black



item no.	96.032.1053.1
EAN	4015573743731
order unit	100 piece(s)

certificates / approvals

technical data

note

note	fine stranded and stranded conductors require cable end sleevepositioning realised with flattened thread

general

rated current	20 A
rated voltage	250 V
pollution degree	3
rated impulse voltage	4 kV
continuity resistor	0.8 mOhm
lockable	self-locking (unlocking by tool)
color of coding/ contact carrier	black
marking of poles	L, N, PE

connection data

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
wire strip length	14.5 mm

model

model	male
connection type	spring clamp connection
connecting thread metric	M25
angle of plug	straight
degree of protection (IP)	IP66/68 (3m;2h) /IP69
thickness of housings (electrical device)	0.5 mm

thickness of housings (electrical device)	8 mm

material

housing material	polyamide
halogen free	yes
contact material	CuZn
fire load	0.115 kWh/St
insulation components continous temperature	100 °C
surface finish	silver-plated

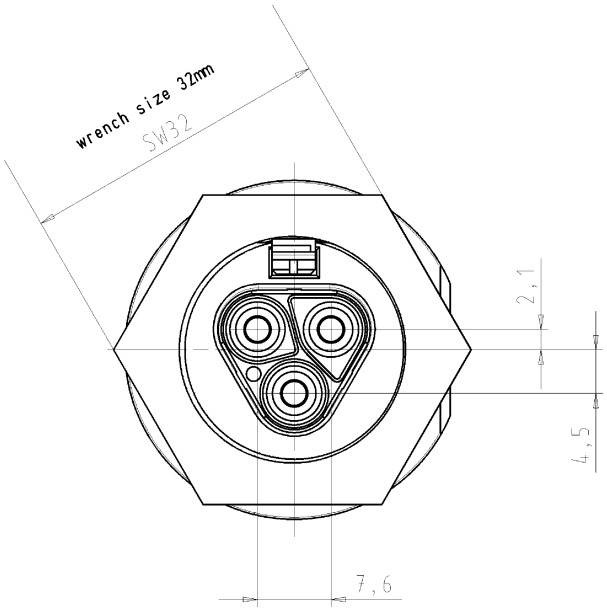
dimensions

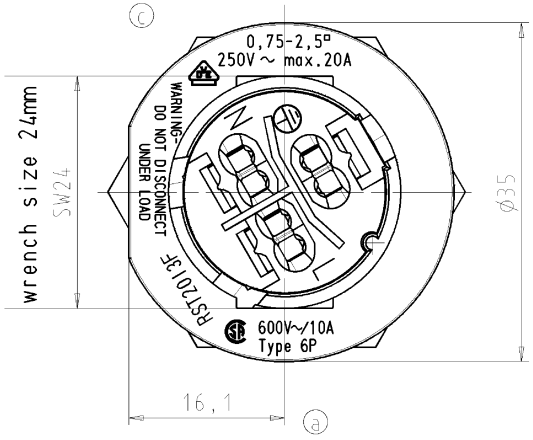
length	44.6 mm
width	35 mm
height	35 mm

accessories

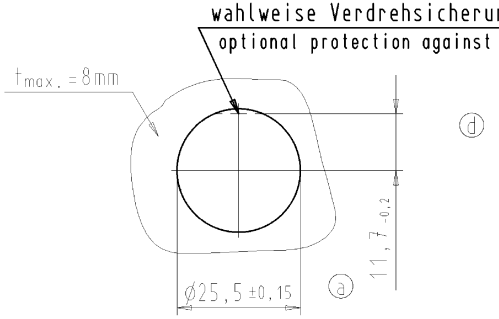
item no.	type	description
05.564.4453.1	cover for male connector SW	RST20i3/2 cover piece, for covering unused male connectors, color black
99.416.6205.2	cover for male connector SW	RST20i3/2 cover piece, for covering unused male connectors, with fastening belt, color black
06.502.4300.0	screwdriver 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

technical drawing

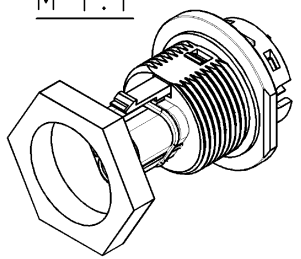


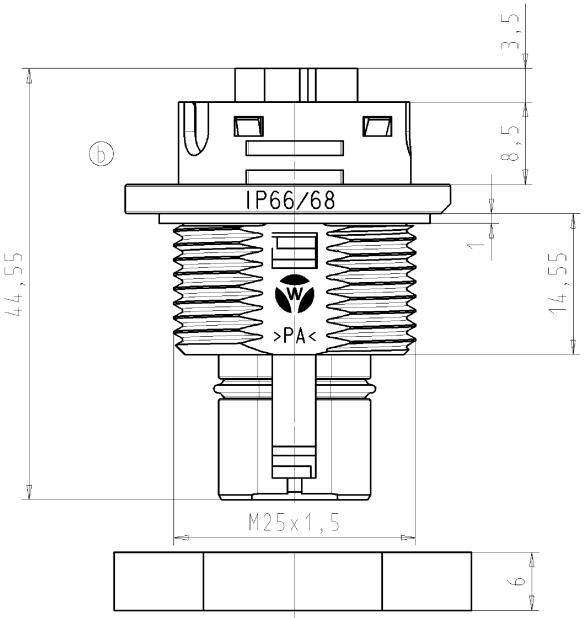


Gehäuseausschnitt/housing cutout



M 1:1





Verpackungseinheit: je 100 Stk.
packaging unit: per 100

Teile-Nr./ part-nr.	Farbe:/ color:	Einz.-Tl.-Nr.: *)/ single-part-nr.:*)
96.032.1053.1	schwarz, ähnl. RAL 9005/ black, similar to RAL 9005	.._.._.._1
96.032.1053.0	lichtgrau, ähnl.RAL 7035/ lightgrey, similar to RAL 7035	.._.._.._0

Tolerierung Size ISO 14405Ⓔ/Tolerance system Size ISO 14405Ⓔ. (This ISO-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 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: 1 von 1 / Sheet: 1 of 1

Änderung/Revision	Index	Datum / Blatt Date / Sheet
	/	
	/	
	/	
d	27.08.2012/	
c	05.05.2009/	
b	12.05.2005/	
a	07.12.2004/	

Werkstoff/Material
Werkstoff und Oberfläche: material and sureface: Farbe: siehe Tabelle color: look table

Maßstab/Scale 2:1

Vol. mm³ Öfl./Surf. mm²

Ersatz für/Replacement for: -

	2003	Tag/Date	Name
gezeichnet drawn		21.10.	Kneitz
geprüft checked		-	-
Normgepr. Stand. check		-	-

Zeichnung Nr./Drawing No. T 96.032.1053.0 01K Index d

Maße in mm/Dimensions are in mm

wieland
Elektrische Verbindungen

Type

Benennung/Title
STECKERTEIL
male connector
RST2013 S2 M01V

OU-PEM-08/91b

96032105300IK_2 CADW2037 dueson 2012-08-28T08:04:39 1.000

Diese Maße werden bei Abnahme besonders geprüft
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

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