

Data sheet

Commercial Art.No.: 46.032.5053.1

Device connector RST16i3 S S1 M02 SW

RST16i3 device connector M16, 3 pole, male, screw connection, application 250V with PE, 16A, coding color black



Commercial Art.No.	46.032.5053.1
EAN	4049088279867
Order Unit	1

Certificates / Approvals



Technical data

General

Rated current	16 A
Rated voltage	250 V
Pollution degree	3
Rated impulse voltage	4 kV
Lockable	self-locking (unlocking by hand)
Color of coding/ contact carrier	black
Marking of poles	L, N, PE

Connection Data

Connection cross section solid mm ² max.	2.5 mm ²
Connection cross section solid mm ² min.	0.25 mm ²
Connection cross section fine stranded mm ² max.	2.5 mm ²
Connection cross section fine stranded mm ² min.	0.25 mm ²
Terminations per pole	1
Wire strip length	8 mm
Connection cross section stranded mm ² min.	0.25 mm ²
Connection cross section stranded mm ² max.	1.5 mm ²

Model

Model	male
Connection type	screw connection
Connecting thread metric	M16

Angle of plug	straight
Degree of protection (IP)	IP66/68 (3m;2h) /IP69
Thickness of housings (electrical device) 2	0.5 mm
Thickness of housings (electrical device)	5 mm

Material

Housing material	Polyamide
halogen free	yes
Contact material	CuZn
Fire load	0.043 kWh
Insulation components continuous temperature	100 °C
Surface finish	Silver-plated

Dimensions

Length	35.2 mm
Width	19 mm
Height	19 mm

Classification

ECLASS 11	
ECLASS 8.1	27440602
ETIM 7.0	EC002566
ETIM 6.0	EC002566
ETIM 5.0	EC002566
ETIM 4.0	EC002566

Note

Note	RST® terminals with screw clamping allow the connection of conductors without special preparation (without ferrules) according to EN 60999-1.; Positioning realised with flattened thread
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Product compliance

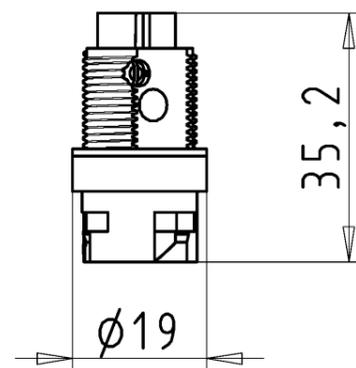
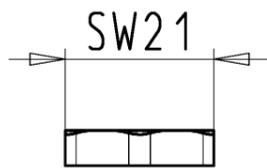
ROHS conformity status	Compliant/Exempted
ROHS exceptions	III-6(c)
REACH-SVHC conformity status	Duty-To-Declare
REACH-SVHC substances	Lead
REACH-SVHC CAS numbers	7439-92-1

Fits with

Commercial Art.No.:	Article-type description:	Description:
46.031.4553.1	Connector RST16i3 S B1 ZT4 SW	RST16i3 connector, 3 pole, female, screw connection, application 250V with PE, 16A, for cable diameters 5.0-9.5mm, coding color black, color of housing black
46.031.4453.1	Connector RST16i3 S B1 ZT3 SW	RST16i3 connector, 3 pole, female, screw connection, application 250V with PE, 16A, for cable diameters 7.1-13mm, coding color black, color of housing black

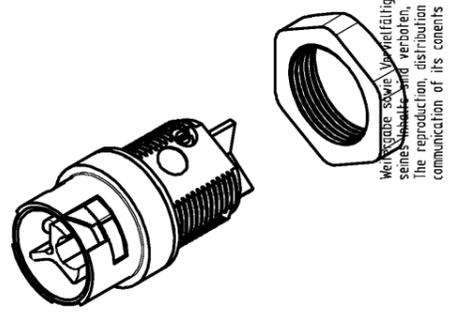
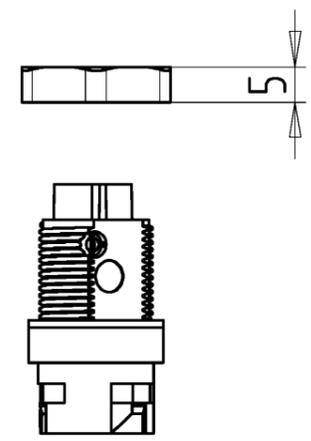
These dimensions will be especially checked at delivery
 Only inspection dimensions
 With /E marked dimensions are only valid for internal use

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



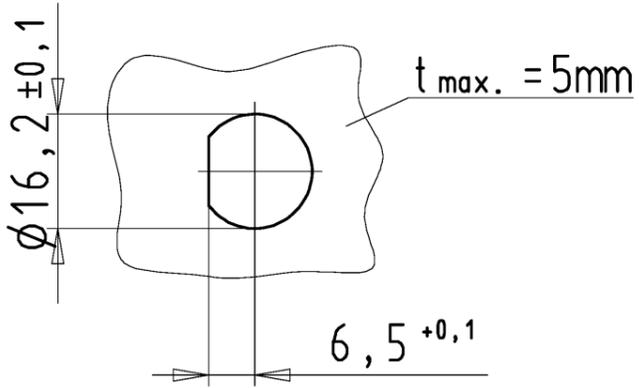
- Kodierung /coding
-  C1
 -  C2
 -  C3
 -  C4
 -  C5

Auslieferungszustand
 delivery status



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46.032.5053.9	RST16i3 S S1 M02 H BL	C4	lichtblau /lightblue
46.032.5055.7	RST16i3 S S1 M02 GN	C2	laubgrün /leafgreen
46.032.5050.6	RST16i3 S S1 M02 TB	C5	türkisblau /turquoiseblue
46.032.5050.4	RST16i3 S S1 M02 L BR	C3	signalbraun /signalbrown
46.032.5053.1	RST16i3 S S1 M02 SW	C1	schwarz /black
46.032.5053.0	RST16i3 S S1 M02 GL	C1	lichtgrau /lightgrey
Bestellnummer /Order number	Typ /Type	Kodierung /coding	Farbe /colour
Weitere Daten siehe KATALOG oder eKatalog. Additional data see CATALOG or eCatalog.		www.wieland-electric.com eshop.wieland-electric.com	



Gehäuseausschnitt / section of housing

Tolerierung Size ISO 14405 (E) / Tolerance system Size ISO 14405 (E). (This ISO-standard describes the envelope principle. According to the envelope principle the deviations of form and parallelism are limited by the size tolerances).		ja/yes <input checked="" type="checkbox"/> Stoffverbots- und Deklarationsliste nach UU-TQM-05/03 ist einzuhalten. Conformity with Wieland document UU-TQM-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: of 1
Werkstoff/Material	2014 Tag/Date Name	Zeichnung Nr./Drawing No. Index	
gezeichnet / drawn	07.07. Dütsch T.	T 46.032.5053.0 13K a	
geprüft / checked	-	Maße in mm/Dimensions are in mm	
Normgepr. / Stand. check	-	Ersatz für/Replacement for: -	
Vol. mm ³ / Of l./Surf. mm ²	Type	Benennung/Title	
a 06.10.2014 / Datum / Blatt / Date / Sheet	wieland RST16i3	STECKERTEIL	
Index	www.wieland-electric.com	Geräteanschluss, 3 polig male connector, device connection, 3 polig	
Änderung/Revision			