

Data sheet

Commercial Art.No.: 46.031.5053.9

Device connector RST16i3 S B1 M02 H BL

RST16i3 device connector M16, 3 pole, female, screw connection, application 250/400V, 16A, coding color light blue



Commercial Art.No.	46.031.5053.9
EAN	4049088279836
Order Unit	1

Certificates / Approvals



Technical data

General

Rated current	16 A
Rated voltage	250 V / 400 V
Pollution degree	3
Rated impulse voltage	4 kV
Lockable	self-locking (unlocking by hand)
Color of coding/ contact carrier	light blue
Marking of poles	1, 2, 3

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

Model

Model	female
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
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Material

Housing material	Polyamide
halogen free	yes
Contact material	CuZn
Fire load	0.061 kWh
Insulation components continuous temperature	100 °C
Surface finish	Silver-plated

Dimensions

Length	41.9 mm
Width	19.9 mm
Height	19.9 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

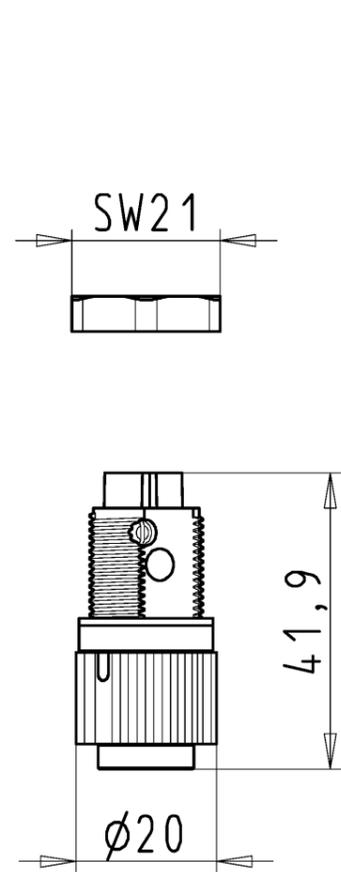
Fits with

Commercial Art.No.:	Article-type description:	Description:
46.032.4553.9	Connector RST16i3 S S1 ZT4S H BL	RST16i3 connector, 3 pole, male, screw connection, application 250/400V, 16A, for cable diameters 5.0-9.5mm, coding color light blue, color of housing black
46.032.4453.9	Connector RST16i3 S S1 ZT3S H BL	RST16i3 connector, 3 pole, male, screw connection, application 250/400V, 16A, for cable diameters 7.1-13mm, coding color light blue, color of housing black

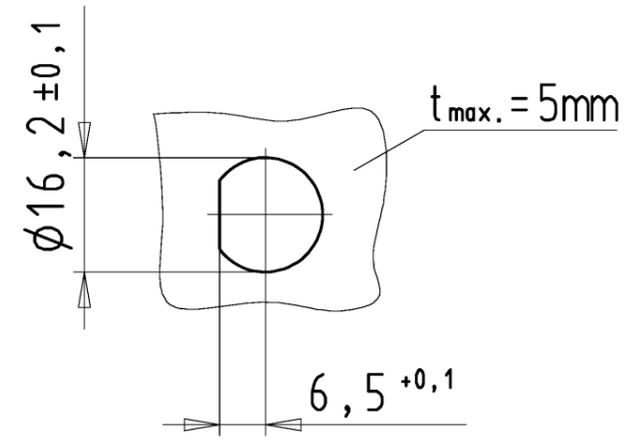
These dimensions will be especially checked at delivery
Only inspection dimensions
With /E marked dimensions are only valid for internal use

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

Kodierung /Coding

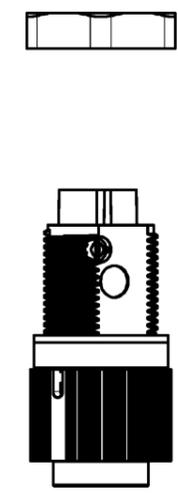


- C1
- C2
- C3
- C4
- C5



Gehäuseausschnitt /section of housing

Auslieferungszustand /delivery condition



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46.031.5050.6	RST1613 S B1 M02 TB	C5	türkisblau /turquoise blue
46.031.5053.9	RST1613 S B1 M02 H BL	C4	lichtblau /light blue
46.031.5050.4	RST1613 S B1 M02 L BR	C3	signalbraun /signal brown
46.031.5055.7	RST1613 S B1 M02 GN	C2	laubgrün /leaf green
46.031.5053.1	RST1613 S B1 M02 SW	C1	schwarz /black
46.031.5053.0	RST1613 S B1 M02 GL	C1	lichtgrau /light grey

Bestellnummer /Order number	Typ /Type	Kodierung /Coding	Farbe /Colour
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Weitere Daten siehe KATALOG oder eKatalog. Additional data see CATALOG or eCatalog. www.wieland-electric.com eshop.wieland-electric.com

Tolerierung Size ISO 14405/Tolerance system Size ISO 14405. [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 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	04.07. Treschan	46.031.5053.0 13K a	
geprüft/checked	-	Maße in mm/Dimensions are in mm	
Normgepr. Stand. check	-	Ersatz für/Replacement for: -	
Vol. mm ³ OfI./Surf. mm ²	Type	Benennung/Title	
a 06.10.2014/	wieland RST1613	BUCHSENTE IL	
Index Datum / Blatt Date / Sheet	www.wieland-electric.com	Geräteanschluss, 3-polig female connector, device connection, 3 poles	
Änderung/Revision			