

Data sheet

Art.No.: 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



Art.No.	46.031.4553.1
EAN	4049088280221
Order Unit	1

Certificates / Approvals



Technical data

General

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

Connection Data

Cable diameter max.	9.5 mm
Cable diameter min.	5 mm
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.	1.5 mm ²
Connection cross section fine stranded mm ² min.	0.25 mm ²
Terminations per pole	1
Connection cross section stranded mm ² min.	0.25 mm ²
Connection cross section stranded mm ² max.	1.5 mm ²
sheath strip length	25 mm
Wire strip length	8 mm

Model

Model	female
Connection type	Screw connection
Degree of protection (IP)	IP66/68 (3m;2h) /IP69

Material

Housing material	Polyamide
halogen free	Yes
Contact material	CuZn
Fire load	0 kWh
Insulation components continuous temperature	100 °C
Surface finish	Silver-plated

Dimensions

Length	71 mm
Width	19.9 mm
Height	19.9 mm

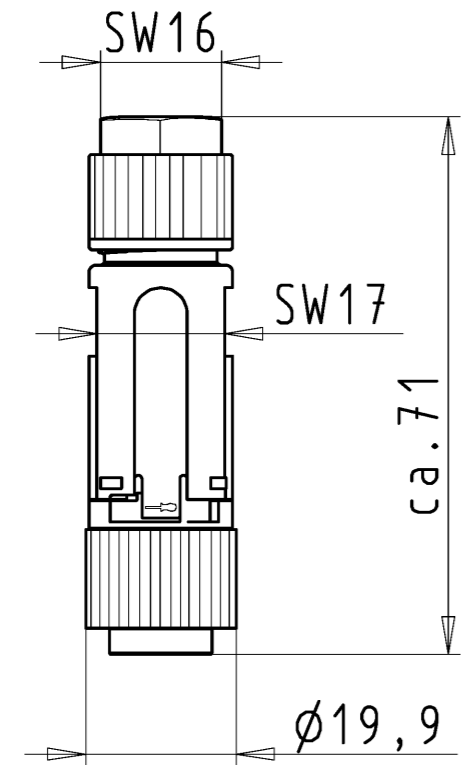
Classification

ECLASS 8.1	27440605
ETIM 7.0	EC002560
ETIM 6.0	EC002560
ETIM 5.0	EC002560
ETIM 4.0	EC002560






Note

Note	fine-stranded and stranded wires have to be used without ferrules
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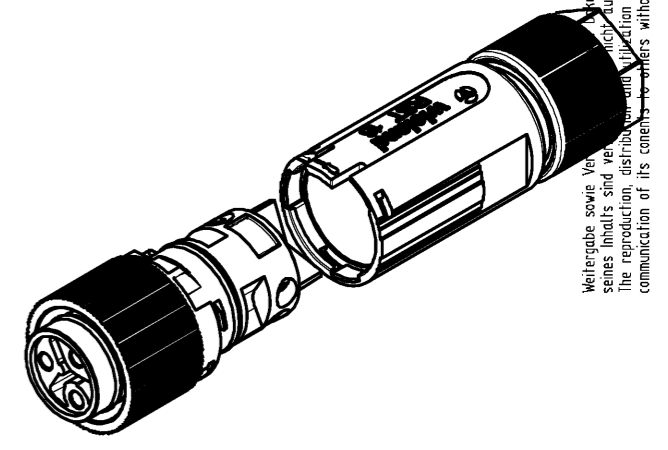
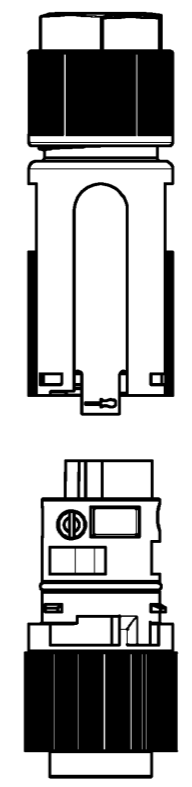
These dimensions will be especially checked at delivery
 Only inspection dimensions
 With /E marked dimensions are only valid for internal use
 Diese Maße werden bei Abnahme besonders geprüft
 Ausschließlich Prüfmaße
 Mit /E gekennzeichnete Maße sind nur für interne Zwecke gültig



Kodierung
/Coding

-  C1
-  C2
-  C3
-  C4
-  C5

Auslieferungszustand
/delivery condition



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46.031.4550.6	RST16 I3	S B1 ZT4S A TB	C5	türkisblau /turquoise blue
46.031.4553.9	RST16 I3	S B1 ZT4S H BL	C4	lichtblau /light blue
46.031.4550.4	RST16 I3	S B1 ZT4S L BR	C3	signalbraun /signal brown
46.031.4555.7	RST16 I3	S B1 ZT4S GN	C2	laubgrün /leaf green
46.031.4553.1	RST16 I3	S B1 ZT4 SW	C1	schwarz /black
46.031.4553.0	RST16 I3	S B1 ZT4 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 WN 5020.010 ist einzuhalten.
 Conformity with Wieland document WN 5020.010 e (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	
Maßstab/Scale 1:1	gezeichnet/drawn 02.09. Treschan geprüft/checked Normgepr./Stand. check	T 46.031.4553.0 13K a	
Vol. mm ³ / Of. / Surf. mm ²	Ersatz für/Replacement for: -	Maße in mm/Dimensions are in mm	
www.wieland-electric.com	Type Benennung/Title	BUCHSENTE I L FA - mit Zugentlastung, 3-polig female, with strain relief, 3 poles	
Änderung/Revision	www.wieland-electric.com	RST16..	