

Data sheet

Art.No.: 46.032.4553.1

Connector RST16i3 S S1 ZT4 SW

RST16i3 connector, 3 pole, male, screw connection, application 250V with PE, 16A, for cable diameters 5.0-9.5mm, coding color black, color of housing black



Art.No.	46.032.4553.1
EAN	4049088279164
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	male
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

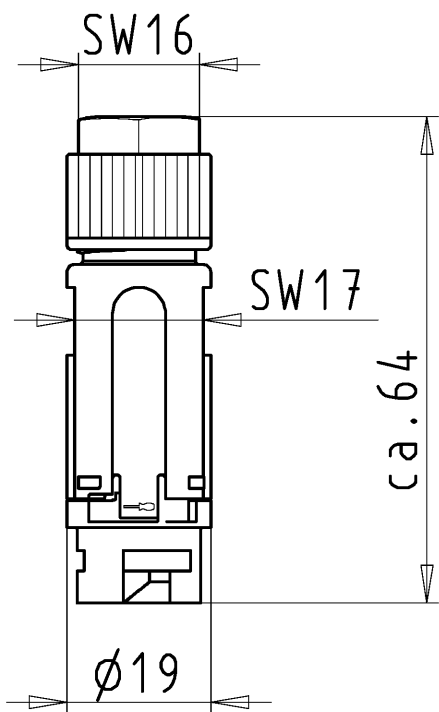
Length	64 mm
Width	19.9 mm
Height	19.9 mm

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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Kodierung /Coding



C1



C2



C3

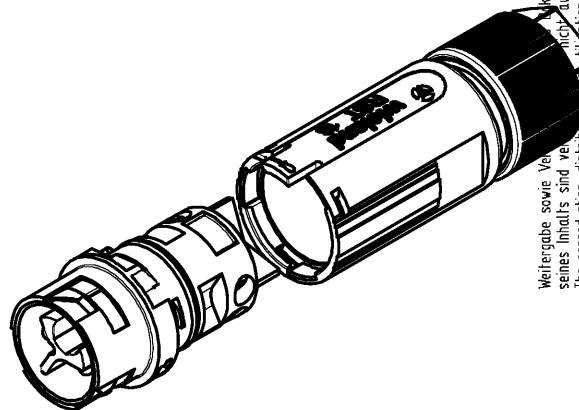
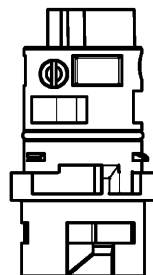
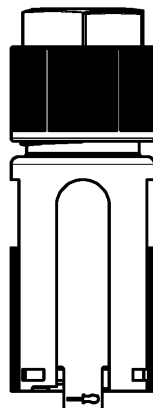


C4



C5

Auslieferungszustand delivery condition



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46.032.4550.6	RST16 I3	S S1	ZT4S	A TB	C5	türkisblau /turquoise blue
46.032.4553.9	RST16 I3	S S1	ZT4S	H BL	C4	lichtblau /light blue
46.032.4550.4	RST16 I3	S S1	ZT4S	L BR	C3	signalbraun /signal brown
46.032.4555.7	RST16 I3	S S1	ZT4S	GN	C2	laubgrün /leaf green
46.032.4553.1	RST16 I3	S S1	ZT4	SW	C1	schwarz /black
46.032.4553.0	RST16 I3	S S1	ZT4	GL	C1	lichtgrau /light grey
Bestellnummer /Order number	Typ /Type			Kodierung /Coding		
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	
		/		Werkstoff/Material		2014 Tag/Date		Name	
		/		Maßstab/Scale 1:1		gezeichnet drawn		02.09. Treschan	
		/				geprüft checked			
		/				Normgepr. Stand. check			
		/		Vol. mm³		Ofl./Surf. mm²		Ersatz für/Replacement for: -	
		/				Type		Benennung/Title	
a		06.10.2014/		wieland www.wieland-electric.com		RST16..		STECKERTEIL FA - mit Zugentlastung, 3-polig male with strain relief 3 poles	
Index		Datum / Blatt Date / Sheet							
Änderung/Revision									