

Data sheet

Commercial Art.No.: 46.031.4554.1

connector RST16I3/2S B1 ZT4 SW

RST® MINI connector, straight, number of poles 2, female, connection type screw connection, rated voltage 250 V, rated current 16 A, cable diameter 5 - 10.6 mm, color of coding/ contact carrier black



Commercial Art.No.	46.031.4554.1
EAN	4049088295744
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
color of housing inclusive strain relief	black
RAL-Nummer Codierung/Kontakteinsatz	9005

connection data

cable diameter max.	10.6 mm
cable diameter min.	5 mm
connection cross section solid mm² max.	2.5 mm²
connection cross section solid mm² min.	0.25 mm²
connection cross section fine stranded mm² max.	2.5 mm²
connection cross section fine stranded mm² min.	0.25 mm²
terminations per pole	1
sheath strip length	25 mm
wire strip length	8 mm

technical data UL

rated voltage UL	600 V
rated current UL	16 A
connection cross section solid AWG min.	24 AWG

connection cross section solid AWG max.	14 AWG
connection cross section stranded AWG min.	24 AWG
connection cross section stranded AWG max.	14 AWG
degree of protection (NEMA)	4, 4x
UL classification housing	UL-V2
UL classification strain relief	UL-V0

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	0.151 kWh/St
insulation components continuous temperature	100 °C
surface finish	silver-plated

dimensions

length	71 mm
width	19.9 mm
height	19.9 mm

note

note	RST® terminals with screw clamping allow the connection of conductors without special preparation (without ferrules) according to EN 60999-1.
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classification

ECLASS 11	
ECLASS 8.1	27440605
ETIM 9.0	EC002560
ETIM 8.0	EC002560
ETIM 7.0	EC002560
ETIM 6.0	EC002560
ETIM 5.0	EC002560
ETIM 4.0	EC002560

product compliance

ROHS conformity status	compliant
REACH-SVHC conformity status	compliant

Accessories

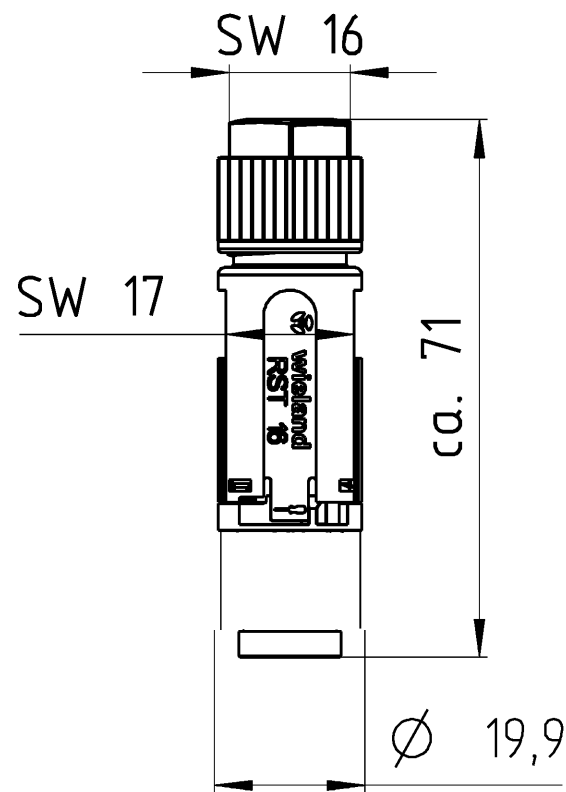
Commercial Art.No.:	Article-type description:	Description:
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06.563.8653.1	cover for female connector SW	RST16i3/2 cover piece, for covering unused female connectors, color black
06.563.8753.1	cover for female connector SW	RST16i3/2 cover piece, for covering unused female connectors, with fastening belt, color black

Fits with

Commercial Art.No.:	Article-type description:	Description:
46.032.4554.1	connector RST16i3/2S S1 ZT4 SW	RST® MINI connector, straight, number of poles 2, male, connection type screw connection, rated voltage 250 V, rated current 16 A, cable diameter 5 - 10.6 mm, color of coding/ contact carrier black
46.032.5054.1	device connector RST16i3/2S S1 M02 SW	RST® MINI device connector, standard, straight, M16, number of poles 2, model male, connection type screw connection, rated voltage 250 V / 400 V, rated current 16 A, color of coding/ contact carrier black
46.030.0154.1	distributor RST16i2B 3P1 FGVG SW	RST® MINI distributor, parallel connection, with fastening option, number of poles 2, rated voltage 250 V / 400 V, rated current 16 A, number of inputs 1, number of outputs 3, color of coding/ contact carrier black
46.032.M054.1	device connector RST16i3/2 S D03 MSW	RST® MINI device connector, modular, straight, M20, number of poles 2, model male, connection type spring clamp connection, rated voltage 250 V, rated current 16 A, color of coding/ contact carrier black
46.032.M0L1.1	device connector RST16i3/2 2 D03 MSW	RST® MINI device connector, modular, straight, M20, number of poles 2, model male, connection type spring clamp connection, rated voltage 250 V, rated current 16 A, longitudinal sealing yes, color of coding/ contact carrier black
46.030.1254.1	distributor RST16i2V 2P1 TGVG SW	RST® MINI distributor, parallel connection, with fastening option to 06.562.5853.0 / 06.562.5853.1, number of poles 2, rated voltage 250 V / 400 V, rated current 16 A, number of inputs 1, number of outputs 2, color of coding/ contact carrier black

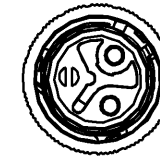
Woelfel_BUCHSENTEIL_main_1 CADW4021 Woelfel 2019-05-10 10:08:35:03 1.000



Kodierung/
Coding



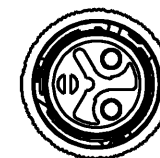
C1



C2



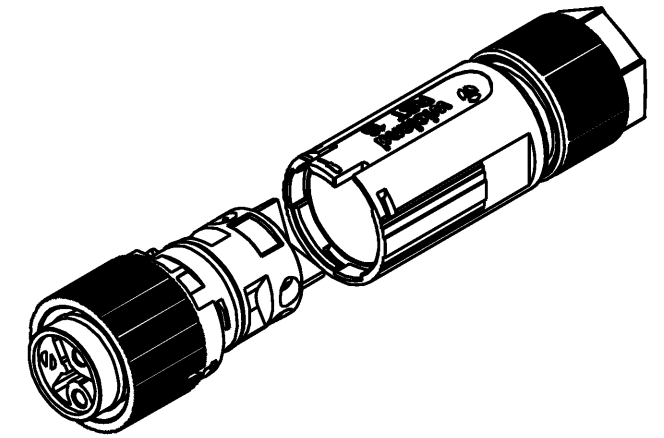
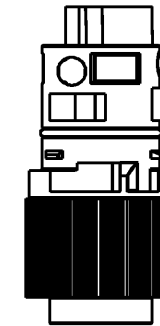
C3


$$[4]$$


C5

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Auslieferungszustand/
delivery condition



Pol nicht montiert
pole not mounted



46.031.4551.6	RST1613 S B1 ZT4S A TB	C5	türkisblau /turquoise blue
46.031.4554.9	RST1613 S B1 ZT4S H BL	C4	lichtblau /light blue
46.031.4551.4	RST1613 S B1 ZT4S L BR	C3	signalbraun /signal brown
46.031.4556.7	RST1613 S B1 ZT4S GN	C2	laubgrün /leaf green
46.031.4554.1	RST1613 S B1 ZT4 SW	C1	schwarz /black
46.031.4554.0	RST1613 S B1 ZT4 GL	C1	lichtgrau /light grey
Bestellnummer Order number	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 1	
	/	 Maßstab / Scale 1:1	Werkstoff / Material			Tag/Date	Name	Zeichnung Nr. / Drawing No. 46.031.4554.0 13K	Index b
	/				gezeichnet drawn	11.04.2016	Ritter		
	/				geprüft checked				
	/				Normgepr. Stand. check				
		Vol.	mm ³	Ofl./Srf.	mm ²	Ersatz für / Replacement for:			
		/				Type	Benennung/Title		
b	09.05.2019 /	 wieland www.wieland-electric.com			BUCHSENTEIL mit Zugentlastung 2polig female with strain relief 2-pole				
Index	Datum / Blatt Date / Sheet								
Änderung / Revision									