

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
Pole codification	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	0.15 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 compact distributor 1I / 3O, rated voltage 250 V / 400 V, rated current 16 A, number of poles 2, degree of protection (ip) IP66/68 (3m 2h) /IP69, number of inputs 1, number of outputs 3, pole codification L, N, color of coding/ contact carrier black, ral number coding/contact insert 9005
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 distribution block 1I / 2O, rated voltage 250 V / 400 V, rated current 16 A, number of poles 2, degree of protection (ip) IP66/68 (3m 2h) /IP69, number of inputs 1, number of outputs 2, pole codification L, N, color of coding/ contact carrier black, ral number coding/contact insert 9005

