

Data sheet

Art.No.: 46.031.4553.1

Connector RST16i3 S B1 ZT4 SW

RST16i3 Connector, straight, number of poles 3, 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



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.	10.6 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.	2.5 mm ²
Connection cross section fine stranded mm ² min.	0.25 mm ²
Terminations per pole	1
sheath strip length	25 mm
Wire strip length	8 mm

Technical Data UL

Rated voltage UL	600 V
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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
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 7.0	EC002560
ETIM 6.0	EC002560
ETIM 5.0	EC002560
ETIM 4.0	EC002560

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

Accessories

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

Art.No.:	Article/type description:	Description:
46.032.4553.1	Connector RST16i3 S S1 ZT4 SW	RST16i3 Connector, straight, number of poles 3, 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
46.032.5053.1	Device connector RST16i3 S S1 M02 SW	RST16i3 Device connector, standard, straight, M16, number of poles 3, model male, connection type screw connection, rated voltage 250 V, rated current 16 A, color of coding/ contact carrier black
46.432.1000.1	Cable assembly RST16i3KSBS 15P 10SW	RST16i3 connecting cable, female - male, number of poles 3, rated voltage 250 V, rated current 16 A, cable type H05VV-F, fire class Eca, total length 1 m, nominal cross section conductor 1.5 mm ² , color of coding/ contact carrier black
46.030.0153.1	Distributor RST16i3B 3P1 F G V SW	RST16i3 Distributor, parallel connection, with fastening option, number of poles 3, rated voltage 250 V, rated current 16 A, number of inputs 1, number of outputs 3, color of coding/ contact carrier black
46.032.M053.1	Device connector RST16i3 S D03 MSW	RST16i3 Device connector, modular, straight, M20, number of poles 3, model male, connection type spring clamp connection, rated voltage 250 V, rated current 16 A, color of coding/ contact carrier black
46.032.M0L0.1	Device connector RST16i3 2 D03 MSW	RST16i3 Device connector, modular, straight, M20, number of poles 3, model male, connection type spring clamp connection, rated voltage 250 V, rated current 16 A, longitudinal sealing yes, color of coding/ contact carrier black
46.030.1253.1	Distributor RST16i3V 2P1 TGVG SW	RST16i3 Distributor, parallel connection, with fastening option to 06.562.5853.0 / 06.562.5853.1, number of poles 3, rated voltage 250 V, rated current 16 A, number of inputs 1, number of outputs 2, color of coding/ contact carrier black

