

Data sheet

Commercial Art.No.: 46.031.4454.1

Connector RST16i3/2S B1 ZT3 SW

RST16i3/2 connector, 2 pole, female, screw connection, application 250V, 16A, for cable diameters 7.1-13mm, coding color black, color of housing black



Commercial Art.No.	46.031.4454.1
EAN	4049088579516
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

Connection Data

Cable diameter max.	13 mm
Cable diameter min.	7.1 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

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	0.133 kWh
Insulation components continuous temperature	100 °C
Surface finish	Silver-plated

Dimensions

Length	74 mm
Width	24 mm
Height	24 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

Accessories

Commercial Art.No.:	Article-type description:	Description:
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:
46.032.5054.1	Device connector RST16i3/2S S1 M02 SW	RST16i3/2 device connector M16, 2 pole, male, screw connection, application 250V, 16A, coding color black
46.030.1254.1	Distributor RST16i2V 2P1 TGVG SW	RST16i3/2 distribution block, 2 pole, application 250V, 16 A, 1 input and 2 outputs, fastening option with separate mounting plate, coding color black
46.032.4454.1	Connector RST16i3/2S S1 ZT3 SW	RST16i3/2 connector, 2 pole, male, screw connection, application 250V, 16A, for cable diameters 7.1-13mm, coding color black, color of housing black
46.032.M054.1	Device connector RST16i3/2 S D03 MSW	RST16i3/2 modular device connector M20, 2 pole, male, spring clamp connection, with automatic wiring option, application 250V, 16A, coding color black
46.032.M0L1.1	Device connector RST16i3/2 2 D03 MSW	RST16i3/2 modular device connector with longitudinal sealing M20, 2 pole, male, spring clamp connection, with automatic wiring option, application 250V, 16A, coding color black