

Data sheet

Commercial Art.No.: 46.031.4453.1

Connector RST16I3 S B1 ZT3 SW

RST16I3 connector, 3 pole, female, screw connection, application 250V with PE, 16A, for cable diameters 7.1-13mm, coding color black, color of housing black



Commercial Art.No.	46.031.4453.1
EAN	4049088579752
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.	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	0.132 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:
46.032.5053.1	Device connector RST16i3 S S1 M02 SW	RST16i3 device connector M16, 3 pole, male, screw connection, application 250V with PE, 16A, coding color black
46.030.1253.1	Distributor RST16i3V 2P1 TGVG SW	RST16i3 distribution block, 3 pole, application 250V with PE, 16 A, 1 input and 2 outputs, fastening option with separate mounting plate, coding color black
46.032.4453.1	Connector RST16i3 S S1 ZT3 SW	RST16i3 connector, 3 pole, male, screw connection, application 250V with PE, 16A, for cable diameters 7.1-13mm, coding color black, color of housing black
46.032.M053.1	Device connector RST16i3 S D03 MSW	RST16i3 modular device connector M20, 3 pole, male, spring clamp connection, with automatic wiring option, application 250V with PE, 16A, coding color black
46.032.M0L0.1	Device connector RST16i3 2 D03 MSW	RST16i3 modular device connector with longitudinal sealing M20, 3 pole, male, spring clamp connection, with automatic wiring option, application 250V with PE, 16A, coding color black