

Product datasheet

Specifications



Isolator, EQ9, 1P, 16A, 32A, 40A, 63A (IS/IEC60947-3), 415V AC

Main

Range of product	Isolator
Range	EQ9
Product or component type	Isolator
Device application	Circuit Isolation

Complementary

[Ie] rated operational current	16A, 32A, 40A, 63A
[Us] rated supply voltage	240V AC / 415 V AC
[Ui] rated insulation voltage	690 V
[Uimp] rated impulse withstand voltage	4 kV
Poles description	1P
Utilisation category	AC-23A
Suitability for isolation	Yes
Control type	Toggle
Total number of 18 mm modules	1
Local signaling	ON/OFF indication
Product destination	Distribution board
Mounting mode	Fixed
Mounting support	DIN rail
Comb busbar and distribution block compatibility	Upstream and Downstream: biconnect
Connection pitch	18 mm between phases
Height	73 mm
Width	17.6 mm
Depth	85.5 mm
Net weight	80 g
Colour	White
Mechanical durability	8500 cycles

Electrical durability	1500 cycles
Connections - terminals	Screw type terminals (top & bottom) 25 mm² flexible Screw type terminals (top & bottom) 35 mm² rigid Biconnect – top & bottom
Wire stripping length	13mm
tightening torque	3.0 N.m

Environment

Pollution degree	3
Standards	IS/IEC 60947-3
IP degree of protection	IP20
Pollution degree	3
Tropicalisation	2 conforming to IEC 60068-2-30
Relative humidity	95 % at 55 °C
Ambient air temperature for operation	-30...70 °C
Ambient air temperature for storage	-40...85 °C

Packing Unit

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	73.0 mm
Package 1 Width	19.6 mm
Package 1 Length	92.0 mm
Package 1 Weight	95 g
Unit Type of Package 2	Carton (CAR)
Number of Units in Package 2	12
Package 2 Height	79 mm
Package 2 Width	97 mm
Package 2 Length	244 mm
Package 2 Weight	1.21 kg
Unit Type of Package 3	Carton (CAR)
Number of Units in Package 3	120
Package 3 Height	180 mm
Package 3 Width	245 mm
Package 3 Length	510 mm
Package 3 Weight	12.75 kg

Contractual warranty

Warranty (in months)	24
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