

Product datasheet

Specifications



Miniature circuit breaker (MCB), Acti9 iC60a, 1P, 13A, C curve, 4500A (IEC/EN 60898-1), 6kA (IEC/ EN 60947-2)

A9F64113

⚠ Discontinued on: Apr 13, 2023

⚠ Discontinued

Main

Device Application	Distribution
Range	Acti9
Product Name	Acti9 iC60
Product Or Component Type	Miniature circuit-breaker
Device Short Name	iC60a
Poles Description	1P
Number Of Protected Poles	1
[In] Rated Current	13 A
Network Type	AC
Trip Unit Technology	Thermal-magnetic
Curve Code	C
Breaking Capacity	4500 A Icn at 230 V AC 50/60 Hz conforming to EN/IEC 60898-1 6 kA Icu at 220...240 V AC 50/60 Hz conforming to EN/IEC 60947-2
Utilisation Category	Category A conforming to EN 60947-2 Category A conforming to IEC 60947-2
Suitability For Isolation	Yes conforming to EN 60898-1 Yes conforming to EN 60947-2 Yes conforming to IEC 60898-1 Yes conforming to IEC 60947-2
Standards	IEC 60947-2 EN 60947-2 IEC 60898-1 EN 60898-1

Complementary

Network Frequency	50/60 Hz
Magnetic Tripping Limit	8 x In +/- 20 %
[Ics] Rated Service Breaking Capacity	6 kA 100 % conforming to EN 60947-2 - 220...240 V AC 50/60 Hz 6 kA 100 % conforming to IEC 60947-2 - 220...240 V AC 50/60 Hz 4500 A 100 % conforming to EN 60898-1 - 230 V AC 50/60 Hz 4500 A 100 % conforming to IEC 60898-1 - 230 V AC 50/60 Hz
Limitation Class	3 conforming to EN 60898-1 3 conforming to IEC 60898-1
[Ui] Rated Insulation Voltage	500 V AC 50/60 Hz conforming to EN 60947-2 500 V AC 50/60 Hz conforming to IEC 60947-2
[Uimp] Rated Impulse Withstand Voltage	6 kV conforming to EN 60947-2 6 kV conforming to IEC 60947-2

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Contact Position Indicator	Yes
Control Type	Toggle
Local Signalling	Trip indicator
Mounting Mode	Removable comb busbar installed
Mounting Support	DIN rail
9 Mm Pitches	2
Width	18 mm
Colour	White
Connections - Terminals	Single terminal (top or bottom) 1...25 mm² rigid Single terminal (top or bottom) 1...16 mm² flexible
Wire Stripping Length	14 mm for top or bottom connection
Tightening Torque	2 N.m top or bottom
Earth-Leakage Protection	Without

Environment

Ip Degree Of Protection	IP20 B conforming to EN/IEC 60529
Pollution Degree	3 conforming to EN 60947-2 3 conforming to IEC 60947-2
Overvoltage Category	II
Tropicalisation	2 conforming to EN/IEC 60068-2-78
Relative Humidity	95 %
Operating Altitude	0...2000 m
Ambient Air Temperature For Operation	-35...70 °C
Ambient Air Temperature For Storage	-40...85 °C

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	7.5 cm
Package 1 Width	1.8 cm
Package 1 Length	9.4 cm
Package 1 Weight	113.0 g
Unit Type Of Package 2	BB1
Number Of Units In Package 2	12
Package 2 Height	8.0 cm
Package 2 Width	9.8 cm
Package 2 Length	22.5 cm
Package 2 Weight	1.361 kg
Unit Type Of Package 3	S03
Number Of Units In Package 3	132
Package 3 Height	30.0 cm
Package 3 Width	30.0 cm

Package 3 Length	40.0 cm
Package 3 Weight	15.458 kg

Contractual warranty

Warranty	18 months
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