

Product datasheet

Specifications



Miniature circuit-breaker. Acti9 iC60a. 1P. 2 A. C curve. 4500 A (IEC 60898-1). 6 kA (IEC 60947-2)

A9F64102

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	2 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	EN 60898-1 EN 60947-2 IEC 60947-2 IEC 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
Contact position indicator	Yes

Excluding VAT and subject to change. Please check with your local distributor through "Where to buy"

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

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	1.700 cm
Package 1 Width	7.100 cm
Package 1 Length	9.200 cm
Package 1 Weight	110.000 g
Unit Type of Package 2	BB1
Number of Units in Package 2	12
Package 2 Height	8.200 cm
Package 2 Width	10.000 cm
Package 2 Length	22.400 cm
Package 2 Weight	1.396 kg

Contractual warranty

Warranty	18 months
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Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

Environmental footprint	
Total lifecycle Carbon footprint	11
Environmental Disclosure	Product Environmental Profile

Use Better

Materials and Substances	
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
EU RoHS Directive	Compliant
SCIP Number	26ff71d1-98cf-4280-8725-455b9a6b2fb9
REACH Regulation	REACH Declaration

Use Again

Repack and remanufacture	
End of life manual availability	No need of specific recycling operations
Take-back	No
WEEE Label	 The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins