Product datasheet

Specifications

Green Premium™

iC60a miniature circuit breaker - 1P - 16 A - C curve

A9F64116

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	16 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 60898-1 IEC 60898-1 EN 60947-2

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

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
Depth	78.5 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	7.500 cm
Package 1 Width	1.800 cm
Package 1 Length	9.400 cm
Package 1 Weight	109.000 g
Unit Type Of Package 2	BB1
Number Of Units In Package 2	12
Package 2 Height	8.000 cm
Package 2 Width	9.800 cm
Package 2 Length	22.500 cm
Package 2 Weight	1.355 kg
Unit Type Of Package 3	S03
Number Of Units In Package 3	132
Package 3 Height	30.000 cm
Package 3 Width	30.000 cm

Package 3 Length	40.000 cm
Package 3 Weight	15.433 kg

Contractual warranty

Warranty	18 months

Sustainability

Green Premium™ label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO_2 products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

Learn more about Green Premium >

Guide to assess a product's sustainability >

Transparency RoHS/REACh

Well-being performance

- Mercury Free
- Rohs Exemption Information — Yes
- Halogen Free Product

Certifications & Standards

Reach Regulation	REACh Declaration
Eu Rohs Directive	Compliant with Exemptions
China Rohs Regulation	China RoHS declaration Product out of China RoHS scope. Substance declaration for your information
Environmental Disclosure	Product Environmental Profile
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
Circularity Profile	No need of specific recycling operations