

Product datasheet

Specifications



iC60H - miniature circuit breaker - 2P - 10A - C curve

A9F84210



Main

Device Application	Distribution
Range	Acti9
Product Name	Acti9 iC60
Product Or Component Type	Miniature circuit-breaker
Device Short Name	iC60H
Poles Description	2P
Number Of Protected Poles	2
[In] Rated Current	10 A
Network Type	AC DC
Trip Unit Technology	Thermal-magnetic
Curve Code	C
Breaking Capacity	10000 A Icn at 400 V AC 50/60 Hz conforming to EN/IEC 60898-1 42 kA Icu at 12...60 V AC 50/60 Hz conforming to EN/IEC 60947-2 10 kA Icu at 440 V AC 50/60 Hz conforming to EN/IEC 60947-2 15 kA Icu at 380...415 V AC 50/60 Hz conforming to EN/IEC 60947-2 30 kA Icu at 220...240 V AC 50/60 Hz conforming to EN/IEC 60947-2 15 kA Icu at <= 125 V DC conforming to EN/IEC 60947-2 42 kA Icu at 100...133 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 IEC 60947-2 IEC 60898-1 EN 60947-2

Complementary

Network Frequency	50/60 Hz
Magnetic Tripping Limit	8 x In +/- 20 %

[Ics] Rated Service Breaking Capacity	15 kA 50 % conforming to EN 60947-2 - 220...240 V AC 50/60 Hz 7.5 kA 50 % conforming to EN 60947-2 - 380...415 V AC 50/60 Hz 5 kA 50 % conforming to EN 60947-2 - 440 V AC 50/60 Hz 15 kA 50 % conforming to IEC 60947-2 - 220...240 V AC 50/60 Hz 7.5 kA 50 % conforming to IEC 60947-2 - 380...415 V AC 50/60 Hz 5 kA 50 % conforming to IEC 60947-2 - 440 V AC 50/60 Hz 7500 A 75 % conforming to EN 60898-1 - 400 V AC 50/60 Hz 7500 A 75 % conforming to IEC 60898-1 - 400 V AC 50/60 Hz 21 kA 50 % conforming to IEC 60947-2 - 12...133 V AC 50/60 Hz 21 kA 50 % conforming to EN 60947-2 - 12...133 V AC 50/60 Hz 15 kA 100 % conforming to IEC 60947-2 - 72...125 V DC 15 kA 100 % conforming to EN 60947-2 - 72...125 V DC
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
Control Type	Toggle
Local Signalling	Trip indicator
Mounting Mode	Fixed
Mounting Support	DIN rail
Comb Busbar And Distribution Block Compatibility	Top or bottom: YES
9 Mm Pitches	4
Height	85 mm
Width	36 mm
Depth	78.5 mm
Net Weight	0.25 kg
Colour	White
Mechanical Durability	20000 cycles
Electrical Durability	10000 cycles
Connections - Terminals	Single terminal (top or bottom) 1...25 mm ² rigid Single terminal (top or bottom) 1...16 mm ² flexible
Wire Stripping Length	14 mm for top or bottom connection
Tightening Torque	2 N.m top or bottom
Earth-Leakage Protection	Separate block

Environment

Ip Degree Of Protection	IP20 conforming to IEC 60529 IP20 conforming to EN 60529
Pollution Degree	3 conforming to EN 60947-2 3 conforming to IEC 60947-2
Overvoltage Category	IV
Tropicalisation	2 conforming to IEC 60068-1
Relative Humidity	95 % at 55 °C
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	3.500 cm
Package 1 Width	7.200 cm
Package 1 Length	9.300 cm
Package 1 Weight	256.000 g

Contractual warranty

Warranty	12 months
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Sustainability

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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](#)
[EU RoHS Declaration](#)

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](#)