

Product datasheet

Specifications



iC60H - miniature circuit breaker - 1P + N - 4A - D curve

A9F85604

⚠ Discontinued on: 14 Oct 2021

⚠ End-of-service on: 30 Dec 2021

⚠ Discontinued

Main

Device Application	Distribution
Range	Acti9
Product Name	Acti9 iC60
Product Or Component Type	Miniature circuit-breaker
Device Short Name	iC60H
Poles Description	1P + N
Number Of Protected Poles	1
Neutral Position	Left
[In] Rated Current	4 A
Network Type	AC
Trip Unit Technology	Thermal-magnetic
Curve Code	D
Breaking Capacity	10000 A Icn at 230 V AC 50/60 Hz conforming to EN/IEC 60898-1 70 kA Icu at 12...60 V AC 50/60 Hz conforming to EN/IEC 60947-2 70 kA Icu at 220...240 V AC 50/60 Hz conforming to EN/IEC 60947-2 70 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 EN 60947-2 IEC 60898-1

Complementary

Network Frequency	50/60 Hz
Magnetic Tripping Limit	12 x In +/- 20 %
[Ics] Rated Service Breaking Capacity	70 kA 100 % conforming to EN 60947-2 - 12...60 V AC 50/60 Hz 70 kA 100 % conforming to EN 60947-2 - 220...240 V AC 50/60 Hz 70 kA 100 % conforming to IEC 60947-2 - 12...60 V AC 50/60 Hz 70 kA 100 % conforming to IEC 60947-2 - 220...240 V AC 50/60 Hz 7500 A 75 % conforming to EN 60898-1 - 230 V AC 50/60 Hz 7500 A 75 % conforming to IEC 60898-1 - 230 V AC 50/60 Hz 70 kA 100 % conforming to IEC 60947-2 - 100...133 V AC 50/60 Hz 70 kA 100 % conforming to EN 60947-2 - 100...133 V AC 50/60 Hz

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

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 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	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	7.5 cm
Package 1 Width	3.6 cm
Package 1 Length	9.4 cm

Package 1 Weight	229.537 g
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Contractual warranty

Warranty	12 months
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