Product data sheet
Characteristics

A9F07202
Miniature circuit breaker (MCB), Acti9 iC60H, 2P, 2A, C curve, 10000A (IEC 60898-1), 70kA (IEC 60947-2), double term.



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	2 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 15 KA Icu at <= 125 V DC conforming to EN/IEC 60947-2 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 70 KA Icu at 380...415 V AC 50/60 Hz conforming to EN/IEC 60947-2 70 kA Icu at 440 V AC 50/60 Hz conforming to EN/IEC 60947-2
Utilisation category	Category A conforming to EN 60898-1 Category A conforming to IEC 60898-1
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 60898-1 EN 60947-2 IEC 60947-2 EN 60898-1

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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.
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Complementary

Network frequency	50/60 Hz
Magnetic tripping limit	8 x In +/- 20 %
[Ics] rated service breaking capacity	70 KA 100 % conforming to EN 60947-2 - 220...240 V AC 50/60 Hz 70 KA 100 % conforming to IEC 60947-2 - 220...240 V AC 50/60 Hz 70 KA 100 % conforming to EN 60947-2 - 380...415 V AC 50/60 Hz 70 KA 100 % conforming to IEC 60947-2 - 380...415 V AC 50/60 Hz 70 KA 100 % conforming to EN 60947-2 - 440 V AC 50/60 Hz 70 KA 100 % 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 70 KA 100 % conforming to IEC 60947-2 - 12...133 V AC 50/60 Hz 70 KA 100 % 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 support	DIN rail
9 mm pitches	4
Height	91 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	Double terminal (top or bottom) 1…25 mm² rigid Double 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
Overvoltage category	IV
Tropicalisation	2
Relative humidity	95 % at 55 °C
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	7.500 cm
Package 1 Length	9.000 cm
Package 1 Weight	231.300 g
Unit Type of Package 2	BB1
Number of Units in Package 2	6
Package 2 Height	8.500 cm

Package 2 Width	10.000 cm
Package 2 Length	22.000 cm
Package 2 Weight	1.451 kg
Unit Type of Package 3	S03
Number of Units in Package 3	66
Package 3 Height	30.000 cm
Package 3 Width	30.000 cm
Package 3 Length	40.000 cm
Package 3 Weight	16.419 kg

Offer Sustainability

Sustainable offer status	Green Premium product
REACh Regulation	REACh Declaration
EU RoHS Directive	Compliant EU RoHS Declaration
Mercury free	Yes
China RoHS Regulation	China RoHS Declaration
RoHS exemption information	Yes
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

Contractual warranty

Warranty	18 months