

A9F07106

Miniature circuit-breaker, Acti9 iC60H, 1P, 6 A,
C curve, 10000 A (IEC 60898-1), 15 kA (IEC
60947-2)



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Main

Device application	Distribution
Range	Acti 9
Product name	Acti 9 iC60
Product or component type	Miniature circuit-breaker
Device short name	IC60H
Poles description	1P
Number of protected poles	1
[In] rated current	6 A
Network type	AC DC
Trip unit technology	Thermal-magnetic
Curve code	C
Breaking capacity	10000 A Icn at 230 V AC 50/60 Hz conforming to EN/IEC 60898-1 15 KA Icu at 220...240 V AC 50/60 Hz conforming to EN/IEC 60947-2 42 KA Icu at 12...60 V AC 50/60 Hz conforming to EN/IEC 60947-2 30 KA Icu at 100...133 V AC 50/60 Hz conforming to EN/IEC 60947-2 15 KA Icu at 60...72 V DC conforming to EN/IEC 60947-2 20 KA Icu at 12...60 V DC 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	EN 60947-2 IEC 60947-2 IEC 60898-1 EN 60898-1

Complementary

Network frequency	50/60 Hz
Magnetic tripping limit	8 x In +/- 20 %
[Ics] rated service breaking capacity	21 KA 50 % conforming to EN 60947-2 - 12...60 V AC 50/60 Hz 7.5 KA 50 % conforming to EN 60947-2 - 220...240 V AC 50/60 Hz 21 KA 50 % conforming to IEC 60947-2 - 12...60 V AC 50/60 Hz 7.5 KA 50 % 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 15 KA 50 % conforming to IEC 60947-2 - 100...133 V AC 50/60 Hz 15 KA 50 % conforming to EN 60947-2 - 100...133 V AC 50/60 Hz 15 KA 100 % conforming to EN 60947-2 - 72 V DC 15 KA 100 % conforming to IEC 60947-2 - 72 V DC 20 KA 100 % conforming to EN 60947-2 - 12...60 V DC 20 KA 100 % conforming to IEC 60947-2 - 12...60 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	2
Height	91 Mm
Width	18 Mm
Depth	78.5 Mm
Net weight	0.125 Kg
Colour	White
Mechanical durability	20000 Cycles
Electrical durability	10000 Cycles

Connections - terminals	Double terminal (top or bottom) 1...25 mm ² rigid Double 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	Without

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

Package 1 Weight	0.113 Kg
Package 1 Height	0.750 Dm
Package 1 width	0.180 Dm
Package 1 Length	0.950 Dm

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	REACH Declaration
EU RoHS Directive	Compliant EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS Declaration
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
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Product Life Status : **Commercialised**