Product datasheet
Characteristics

A9F08470
iC60H - miniature circuit breaker - 4P - 0.5A - D curve



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	4P
Number of protected poles	4
[In] rated current	0.5 A
Network type	AC
Trip unit technology	Thermal-magnetic
Curve code	D
Breaking capacity	70 kA Icu conforming to EN/IEC 60947-2 - 220...240 V AC 50/60 Hz 70 kA Icu conforming to EN/IEC 60947-2 - 12...60 V AC 50/60 Hz 70 kA Icu conforming to EN/IEC 60947-2 - 100...133 V AC 50/60 Hz 70 kA Icu conforming to EN/IEC 60947-2 - 380...415 V AC 50/60 Hz 10000 A Icn conforming to EN/IEC 60898-1 - 400 V AC 50/60 Hz 70 kA Icu conforming to EN/IEC 60947-2 - 440 V AC 50/60 Hz
Utilisation category	Category A conforming to EN 60898-1 Category A conforming to IEC 60898-1
Suitability for isolation	Yes conforming to EN 60947-2 Yes conforming to IEC 60947-2 Yes conforming to EN 60898-1 Yes conforming to IEC 60898-1
Standards	EN 60898-1 EN 60947-2 IEC 60898-1 IEC 60947-2

Complementary

Network frequency	50/60 Hz
Magnetic tripping limit	12 x In +/- 20 %

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

[Ics] rated service breaking capacity	7500 A 75 % x Icu conforming to EN 60898-1 - 400 V AC 50/60 Hz 7500 A 75 % x Icu conforming to IEC 60898-1 - 400 V AC 50/60 Hz 70 kA 100 % x Icu conforming to IEC 60947-2 - 12...133 V AC 50/60 Hz 70 kA 100 % x Icu conforming to EN 60947-2 - 12...133 V AC 50/60 Hz 70 kA 100 % x Icu conforming to EN 60947-2 - 220...240 V AC 50/60 Hz 70 kA 100 % x Icu conforming to IEC 60947-2 - 220...240 V AC 50/60 Hz 70 kA 100 % x Icu conforming to EN 60947-2 - 380...415 V AC 50/60 Hz 70 kA 100 % x Icu conforming to IEC 60947-2 - 380...415 V AC 50/60 Hz 70 kA 100 % x Icu conforming to IEC 60947-2 - 440 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 IEC 60947-2 500 V AC 50/60 Hz conforming to EN 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	8
Height	91 mm
Width	72 mm
Depth	78.5 mm
Product weight	0.5 kg
Colour	White
Mechanical durability	20000 cycles
Electrical durability	10000 cycles
Connections - terminals	Double terminal, top or bottom rigid wire(s) 1...25 mm² max Double terminal, top or bottom flexible wire(s) 1...16 mm² max
Wire stripping length	14 mm top or bottom
Tightening torque	2 N.m top or bottom
Earth-leakage protection	Separate block

Environment

IP degree of protection	IP20 conforming to EN 60529 IP20 conforming to IEC 60529
Pollution degree	3
Overvoltage category	IV
Tropicalisation	2
Relative humidity	95 % (55 °C)
Ambient air temperature for operation	-35...70 °C
Ambient air temperature for storage	-40...85 °C

Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 1650 - Schneider Electric declaration of conformity Schneider Electric declaration of conformity
REACh	Reference not containing SVHC above the threshold Reference not containing SVHC above the threshold
Product environmental profile	Available
Product end of life instructions	Need no specific recycling operations

Contractual warranty

Warranty period	18 months