



Main

Circuit breaker application	Distribution
Range	Acti 9
Product or component type	Circuit breaker
Product name	IC60
Device short name	IC60H
Poles description	3P
Number of protected poles	3
[In] rated current	50 A
Network type	AC DC
Trip unit technology	Thermal-magnetic
Curve code	C
Breaking capacity	10 kA Icu conforming to IEC 60947-2 - 440 V AC 50/60 Hz 10 kA Icu conforming to EN 60947-2 - 440 V AC 50/60 Hz 10000 A Icn conforming to EN 60898-1 - 400 V AC 50/60 Hz 10000 A Icn conforming to IEC 60898-1 - 400 V AC 50/60 Hz 15 kA Icu conforming to EN 60947-2 - 380...415 V AC 50/60 Hz 15 kA Icu conforming to IEC 60947-2 - 380...415 V AC 50/60 Hz 30 kA Icu conforming to EN 60947-2 - 220...240 V AC 50/60 Hz 30 kA Icu conforming to IEC 60947-2 - 220...240 V AC 50/60 Hz 42 kA Icu conforming to IEC 60947-2 - 12...133 V AC 50/60 Hz 42 kA Icu conforming to EN 60947-2 - 12...133 V AC 50/60 Hz 15 kA Icu conforming to EN 60947-2 - 125...180 V DC 15 kA Icu conforming to IEC 60947-2 - 125...180 V DC
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

Complementary

Network frequency	50/60 Hz
Magnetic tripping limit	8 x In +/- 20 %
[Ics] rated service breaking capacity	5 kA 50 % x Icu conforming to IEC 60947-2 - 440 V AC 50/60 Hz 15 kA 50 % x Icu conforming to EN 60947-2 - 220...240 V AC 50/60 Hz 7.5 kA 50 % x Icu conforming to EN 60947-2 - 380...415 V AC 50/60 Hz 5 kA 50 % x Icu conforming to EN 60947-2 - 440 V AC 50/60 Hz 15 kA 50 % x Icu conforming to IEC 60947-2 - 220...240 V AC 50/60 Hz 7.5 kA 50 % x Icu conforming to IEC 60947-2 - 380...415 V AC 50/60 Hz 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 21 kA 50 % x Icu conforming to IEC 60947-2 - 12...133 V AC 50/60 Hz 21 kA 50 % x Icu conforming to EN 60947-2 - 12...133 V AC 50/60 Hz 15 kA 100 % x Icu conforming to IEC 60947-2 - 125...180 V DC 15 kA 100 % x Icu conforming to EN 60947-2 - 125...180 V DC
Limitation class	3 conforming to EN 60898-1

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	3 conforming to IEC 60898-1
[U _i] 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
[U _{imp}] 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	6
Height	91 mm
Width	54 mm
Depth	78.5 mm
Product weight	0.375 kg
Colour	White
Mechanical durability	20000 cycles
Electrical durability	10000 cycles
Connections - terminals	Double terminal, top or bottom rigid wire(s) 1...35 mm ² max Double terminal, top or bottom flexible wire(s) 1...25 mm ² max
Wire stripping length	14 mm top or bottom
Tightening torque	3.5 N.m top or bottom
Earth-leakage protection	Separate block

Environment

Standards	EN 60898-1 EN 60947-2 IEC 60898-1 IEC 60947-2
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 1216 - Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold
Product environmental profile	Available
Product end of life instructions	Need no specific recycling operations

Contractual warranty

Period	18 months
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