



Main

Circuit breaker application	Distribution
Range	Acti9
Product name	Acti9 iC60 RCBO
Product or component type	Residual current breaker with overcurrent protection (RCBO)
Device short name	IC60H RCBO PoN
Poles description	1P + N _s
[I _n] rated current	6 A at 50 °C
Earthing system	TN
Curve code	B
Earth-leakage sensitivity	30 mA
Breaking capacity	I _{cn} : 10000 A - 240 V - AC at 50/60 Hz conforming to IEC 61009-2-2

Complementary

Neutral position	Left
Number of protected poles	1
Device location in system	Outgoer
Network type	AC
Network frequency	50/60 Hz
[U _e] rated operational voltage	U _e : 240 V - AC at 50/60 Hz
Trip unit technology	Thermal-magnetic
Magnetic tripping limit	3...5 x I _n
Residual current tripping technology	Voltage dependent
Earth-leakage protection time delay	Instantaneous
Earth-leakage protection class	Type A
[I _{cs}] rated service breaking capacity	I _{cs} : 7500 A - 240 V - AC at 50/60 Hz conforming to IEC 61009-2-2
Electrical insulation class	Class II
Limitation class	3

[Ui] rated insulation voltage	Ui: 400 V - AC at 50/60 Hz
[Uimp] rated impulse withstand voltage	Uimp: 4 kV
Suitability for isolation	Yes
Contact position indicator	Yes
Control type	Toggle
Local signalling	Fault indication ON/OFF indication
Mounting mode	Plug-on
Mounting support	Isobar A Isobar B
Comb busbar and distribution block compatibility	NO
9 mm pitches	2
Height	110 mm
Width	18 mm
Depth	72 mm
Product weight	156 g
Colour	White
Mechanical durability	20000 cycles
Electrical durability	5000 cycles
Locking options description	Padlock in on or off position
Connections - terminals	Screw clamp terminal connection on top - 1...16 mm ² - flexible Screw clamp terminal connection on bottom - 1...10 mm ² - flexible Screw clamp terminal connection on top - 1...25 mm ² - rigid Screw clamp terminal connection on bottom - 1...16 mm ² - rigid Plug-on neutral connection on upstream
Wire stripping length	14 mm on top of 13 mm on bottom of
Tightening torque	3.5 N.m on top of 2 N.m on bottom of
Earth-leakage protection	Integrated

Environment

Standards	IEC 61009-1 BS EN 61009-1 IEC 61009-2-2
Product certifications	CB
IP degree of protection	IP40 for modular enclosure conforming to IEC 60529 IP20 conforming to IEC 60529
Overvoltage category	II
Tropicalisation	2
Relative humidity	95 % at 55 °C
Ambient air temperature for operation	-15...60 °C
Ambient air temperature for storage	-40...85 °C

Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 1801 - 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 environmental
Product end of life instructions	Available  End of life manual