



Main

Range	Acti 9
Product name	Acti 9 iC60 RCBO
Product or component type	Residual current breaker with overcurrent protection (RCBO)
Device short name	IC60 RCBO
Device application	Distribution
Poles description	3P
Number of protected poles	3
[In] rated current	16 A
Network type	AC
Trip unit technology	Thermal-magnetic
Curve code	C
Earth-leakage sensitivity	30 mA
Earth-leakage protection time delay	Instantaneous
Earth-leakage protection class	Type A
Breaking capacity	Icn 10000 A at 220...240 V AC 50 Hz conforming to EN/IEC 61009-2-1 Icu 15 kA at 220...240 V AC 50 Hz conforming to EN/IEC 60947-2
Suitability for isolation	No conforming to IEC 60947-1
Quality labels	IMQ NF VDE KEMA-KEUR

Complementary

Device location in system	Outgoer
Network frequency	50 Hz
[Ue] rated operational voltage	220...240 V AC 50 Hz
Magnetic tripping limit	5...10 x In
Residual current tripping technology	Voltage independent
[Ics] rated service breaking capacity	7500 A 75 % x Icn at 220...240 V AC 50 Hz conforming to EN/IEC 61009-2-1 7.5 kA 50 % x Icu at 220...240 V AC 50 Hz conforming to EN/IEC 60947-2
Rated breaking and making capacity	I _{dm} 6000 A at 220...240 V AC 50 Hz conforming to EN/IEC 61009-2-1
Limitation class	1 conforming to EN/IEC 61009-2-1
[Ui] rated insulation voltage	500 V AC 50 Hz

[Uimp] rated impulse withstand voltage	4 kV
Contact position indicator	No
Control type	Toggle
Local signalling	ON, OFF, fault trip
Mounting mode	Clip-on
Mounting support	DIN rail
9 mm pitches	6
Height	86 mm
Width	54 mm
Depth	78 mm
Product weight	334 g
Colour	White
Mechanical durability	20000 cycles
Electrical durability	10000 cycles
Connections - terminals	Tunnel type terminal, top or bottom rigid wire(s) 1...35 mm ² max Tunnel type terminal, top or bottom flexible wire(s) 1...25 mm ² max Tunnel type terminal, top or bottom flexible with ferrule wire(s) 1...25 mm ² max
Wire stripping length	12 mm (top or bottom)
Tightening torque	2 N.m
Earth-leakage protection	Integrated

Environment

Standards	EN/IEC 61009-2-1 EN/IEC 60947-2
IP degree of protection	IP40 for distribution enclosure conforming to IEC 60529 IP20 conforming to IEC 60529
Overvoltage category	III conforming to IEC 60364
Electromagnetic compatibility	8/20 µs impulse withstand, 250 A conforming to EN/IEC 61009-2-1
Tropicalisation	2
Relative humidity	95 % (55 °C)
Ambient air temperature for operation	-25...40 °C
Ambient air temperature for storage	-40...70 °C

Offer Sustainability

RoHS (date code: YYWW)	Compliant - since 1701 - 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 Profile