



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	4P
Number of protected poles	4
[In] rated current	16 A
Network type	AC
Trip unit technology	Thermal-magnetic
Curve code	C
Earth-leakage sensitivity	300 mA
Earth-leakage protection time delay	Instantaneous
Earth-leakage protection class	Type AC
Breaking capacity	Icn 6000 A at 380...415 V AC 50 Hz conforming to EN/IEC 61009-2-1 Icu 6 kA at 380...415 V AC 50 Hz conforming to EN/IEC 60947-2
Suitability for isolation	No conforming to IEC 60947-1
Quality labels	VDE NF IMQ KEMA-KEUR

Complementary

Device location in system	Outgoer
Network frequency	50 Hz
[Ue] rated operational voltage	380...415 V AC 50 Hz
Magnetic tripping limit	5...10 x In
Residual current tripping technology	Voltage independent
[Ics] rated service breaking capacity	6000 A 100 % x Icn at 380...415 V AC 50 Hz conforming to EN/IEC 61009-2-1 6 kA 100 % x Icu at 380...415 V AC 50 Hz conforming to EN/IEC 60947-2
Rated breaking and making capacity	Idm 6000 A at 380...415 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	8
Height	86 mm
Width	72 mm
Depth	78 mm
Product weight	423 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