



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	32 A
Network type	AC
Trip unit technology	Thermal-magnetic
Curve code	B
Earth-leakage sensitivity	30 mA
Earth-leakage protection time delay	Instantaneous
Earth-leakage protection class	Type A
Breaking capacity	6000 A Icn at 380...415 V AC 50 Hz conforming to EN/IEC 61009-2-1 6 kA Icu at 380...415 V AC 50 Hz conforming to EN/IEC 60947-2
Suitability for isolation	No conforming to IEC 60947-1
Quality labels	IMQ VDE NF 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	3...5 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	I _{dm} 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
Net weight	423 g

Colour	White
Mechanical durability	20000 cycles
Electrical durability	10000 cycles
Connections - terminals	Tunnel type terminal top or bottom1...35 mm ² rigid Tunnel type terminal top or bottom1...25 mm ² flexible Tunnel type terminal top or bottom1...25 mm ² flexible with ferrule
Wire stripping length	12 mm for top or bottom connection
Tightening torque	2 N.m
Earth-leakage protection	Integrated

Environment

Standards	EN/IEC 60947-2 EN/IEC 61009-2-1
IP degree of protection	IP40 (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 % at 55 °C
Ambient air temperature for operation	-25...40 °C
Ambient air temperature for storage	-40...70 °C

Offer Sustainability

REACH Regulation	REACH Declaration
REACH free of SVHC	Yes
EU RoHS Directive	Compliant EU RoHS Declaration
Toxic heavy metal free	Yes
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS Declaration
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins