



Main

Device application	Distribution
Range	Acti 9
Product name	Acti 9 iC60
Product or component type	Miniature circuit-breaker
Device short name	IC60N
Poles description	3P
Number of protected poles	3
[In] rated current	50 A
Network type	DC AC
Trip unit technology	Thermal-magnetic
Curve code	C
Breaking capacity	6000 A Icn 400 V AC 50/60 Hz EN/IEC 60898-1 36 kA Icu 12...60 V AC 50/60 Hz EN/IEC 60947-2 10 kA Icu 380...415 V AC 50/60 Hz EN/IEC 60947-2 20 kA Icu 220...240 V AC 50/60 Hz EN/IEC 60947-2 6 kA Icu 440 V AC 50/60 Hz EN/IEC 60947-2 36 kA Icu 100...133 V AC 50/60 Hz EN/IEC 60947-2 10 kA Icu ≤ 180 V DC EN/IEC 60947-2
Utilisation category	Category A EN 60947-2 Category A IEC 60947-2
Suitability for isolation	Yes EN 60898-1 Yes EN 60947-2 Yes IEC 60898-1 Yes IEC 60947-2
Standards	IEC 60898-1 EN 60947-2 EN 60898-1 IEC 60947-2

Izjava: Ovi dokumenti ne mijenjaju niti su namijenjeni utvrđivanju primjerenosti ili pouzdanosti ovih proizvoda u specifičnim korisničkim primjenama.

Complementary

Network frequency	50/60 Hz
Magnetic tripping limit	8 x I _n +/- 20 %
[Ics] rated service breaking capacity	15 kA 75 % EN 60947-2 - 220...240 V AC 50/60 Hz 7,5 kA 75 % EN 60947-2 - 380...415 V AC 50/60 Hz 4,5 kA 75 % EN 60947-2 - 440 V AC 50/60 Hz 15 kA 75 % IEC 60947-2 - 220...240 V AC 50/60 Hz 7,5 kA 75 % IEC 60947-2 - 380...415 V AC 50/60 Hz 4,5 kA 75 % IEC 60947-2 - 440 V AC 50/60 Hz 27 kA 75 % IEC 60947-2 - 12...133 V AC 50/60 Hz 27 kA 75 % EN 60947-2 - 12...133 V AC 50/60 Hz 6000 A 100 % EN 60898-1 - 400 V AC 50/60 Hz 6000 A 100 % IEC 60898-1 - 400 V AC 50/60 Hz 10 kA 100 % IEC 60947-2 - 125...180 V DC 10 kA 100 % EN 60947-2 - 125...180 V DC
[Ui] rated insulation voltage	500 V AC 50/60 Hz EN 60947-2 500 V AC 50/60 Hz IEC 60947-2
[Uimp] rated impulse withstand voltage	6 kVEN 60947-2 6 kVIEC 60947-2
Contact position indicator	Yes
Control type	Toggle
Local signalling	Trip indicator
Mounting mode	Fixed
Mounting support	DIN rail
Comb busbar and distribution block compatibility	Top or bottom YES
9 mm pitches	6
Height	85 mm
Width	54 mm
Depth	78,5 mm
Net weight	0,375 kg
Colour	White
Mechanical durability	20000 cycles
Electrical durability	10000 cycles
Connections - terminals	Single terminal top or bottom) 1...35 mm ² rigid Single terminal top or bottom) 1...25 mm ² flexible
Wire stripping length	14 mm top or bottom
Tightening torque	3,5 N.m top or bottom
Earth-leakage protection	Separate block

Environment

IP degree of protection	IP20 IEC 60529 IP20 EN 60529
Pollution degree	3 EN 60947-2 3 IEC 60947-2
Overvoltage category	IV
Tropicalisation	2 IEC 60068-1
Relative humidity	95 % 55 °C
Operating altitude	0...2000 m
Ambient air temperature for operation	-35...70 °C
Ambient air temperature for storage	-40...85 °C

Offer Sustainability

Uredba REaCh	Izjava REaCh
REaCh, bez SVHC	Da
Direktiva EU RoHS	Under investigation

Bez otrovnih teških metala	Da
Bez žive	Da
Informacije o RoHS izuzeću	Da
Propis RoHS za Kinu	Izjava RoHS za Kinu Proaktivna izjava RoHS za Kinu (izvan pravnog dosega propisa RoHS za Kinu)
Izjava o očuvanju okoliša	Ekološki profil proizvoda
Profil cirkularnosti	Nema potrebe za specifičnim operacijama recikliranja
WEEE	Proizvod se na tržištima EU mora odlagati u skladu sa specifičnim propisima o prikupljanju otpada; nikako se ne smije odlagati s komunalnim otpadom.

Contractual warranty

Jamstvo	18 months
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