



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	1P
Number of protected poles	1
[In] rated current	50 A
Network type	DC AC
Trip unit technology	Thermal-magnetic
Curve code	C
Breaking capacity	6000 A Icn 230 V AC 50/60 Hz EN/IEC 60898-1 10 KA Icu 60...72 V DC EN/IEC 60947-2 15 KA Icu 12...60 V DC EN/IEC 60947-2 10 KA Icu 220...240 V AC 50/60 Hz EN/IEC 60947-2 36 KA Icu 12...60 V AC 50/60 Hz EN/IEC 60947-2 20 kA Icu 100...133 V AC 50/60 Hz 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 IEC 60947-2 EN 60947-2 EN 60898-1

Complementary

Network frequency	50/60 Hz
Magnetic tripping limit	8 x In +/- 20 %
[Ics] rated service breaking capacity	27 KA 75 % EN 60947-2 - 12...60 V AC 50/60 Hz 7,5 KA 75 % EN 60947-2 - 220...240 V AC 50/60 Hz 27 KA 75 % IEC 60947-2 - 12...60 V AC 50/60 Hz 7,5 KA 75 % IEC 60947-2 - 220...240 V AC 50/60 Hz 15 KA 75 % IEC 60947-2 - 100...133 V AC 50/60 Hz 15 KA 75 % EN 60947-2 - 100...133 V AC 50/60 Hz 6000 A 100 % EN 60898-1 - 230 V AC 50/60 Hz 6000 A 100 % IEC 60898-1 - 230 V AC 50/60 Hz 10 KA 100 % EN 60947-2 - 72 V DC 10 KA 100 % IEC 60947-2 - 72 V DC 15 KA 100 % EN 60947-2 - 12...60 V DC 15 kA 100 % IEC 60947-2 - 12...60 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	2
Maksimalna visina	85 mm
Maksimalna širina	18 mm
Maksimalna dubina	78,5 mm
Neto težina	0,215 kg
Colour	Bijelo
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	Without

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

Status održive ponude	Proizvod Green Premium
Uredba REACH	Izjava REACH
REACH, bez SVHC	Da
Direktiva EU RoHS	Sukladno Izjava EU RoHS
Bez otrovnih teških metala	Da
Bez žive	Da
Informacije o RoHS izuzeću	Da
Propis RoHS za Kinu	Izjava RoHS Za Kinu
Izjava o očuvanju okoliša	Ekološki Profil Proizvoda
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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