



### Glavno

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	20 A
Network type	AC DC
Trip unit technology	Thermal-magnetic
Curve code	D
Breaking capacity	10 kA Icu conforming to EN/IEC 60947-2 - 220...240 V AC 50/60 Hz 20 kA Icu conforming to EN/IEC 60947-2 - 100...133 V AC 50/60 Hz 6000 A Icn conforming to EN/IEC 60898-1 - 230 V AC 50/60 Hz 10 kA Icu conforming to EN/IEC 60947-2 - 60...72 V DC 15 kA Icu conforming to EN/IEC 60947-2 - 12...60 V DC 36 kA Icu conforming to EN/IEC 60947-2 - 12...60 V AC 50/60 Hz
Utilisation category	Category A conforming to EN 60947-2 Category A conforming to IEC 60947-2
Suitability for isolation	Yes conforming to EN 60947-2 Yes conforming to IEC 60947-2 Yes conforming to EN 60898-1 Yes conforming to IEC 60898-1
Standards	EN 60898-1 EN 60947-2 IEC 60898-1 IEC 60947-2

### Komplementarno

Network frequency	50/60 Hz
Magnetic tripping limit	12 x In +/- 20 %
[Ics] rated service breaking capacity	6000 A 100 % x Icu conforming to EN 60898-1 - 230 V AC 50/60 Hz 27 kA 75 % x Icu conforming to EN 60947-2 - 12...60 V AC 50/60 Hz 7.5 kA 75 % x Icu conforming to EN 60947-2 - 220...240 V AC 50/60 Hz 27 kA 75 % x Icu conforming to IEC 60947-2 - 12...60 V AC 50/60 Hz 7.5 kA 75 % x Icu conforming to IEC 60947-2 - 220...240 V AC 50/60 Hz 15 kA 75 % x Icu conforming to IEC 60947-2 - 100...133 V AC 50/60 Hz 15 kA 75 % x Icu conforming to EN 60947-2 - 100...133 V AC 50/60 Hz 10 kA 100 % x Icu conforming to EN 60947-2 - 72 V DC 10 kA 100 % x Icu conforming to IEC 60947-2 - 72 V DC 6000 A 100 % x Icu conforming to IEC 60898-1 - 230 V AC 50/60 Hz 15 kA 100 % x Icu conforming to EN 60947-2 - 12...60 V DC 15 kA 100 % x Icu conforming to IEC 60947-2 - 12...60 V DC
[Ui] rated insulation voltage	500 V AC 50/60 Hz conforming to IEC 60947-2 500 V AC 50/60 Hz conforming to EN 60947-2
[Uimp] rated impulse withstand voltage	6 kV conforming to EN 60947-2 6 kV conforming to IEC 60947-2
Contact position indicator	Yes

Informacije dane u ovoj dokumentaciji sadrže opće opisne i/ili tehničke karakteristike o performansama ovdje sadržanih proizvoda. Ova dokumentacija nije namijenjena kao zamjena za niti bi se trebala koristiti za određivanje prikladnosti ili pouzdanosti predmetnih proizvoda za konkretne korisničke primjene. Svaki takav korisnik ili integrator dužan je provesti odgovarajuću i potpunu analizu rizika, procjenu i ispitivanje proizvoda u odnosu na odgovarajuću specifičnu primjenu ili uporabu istog. Niti društvo Schneider Electric, Industries SAS niti bilo koje od njegovih povezanih podružnica neće preuzeti obvezu ili snositi odgovornost za pogrešnu upotrebu ovdje sadržanih informacija.

Control type	Toggle
Local signalling	Trip indicator
Mounting mode	Fixed
Mounting support	DIN rail
Comb busbar and distribution block compatibility	YES top or bottom
9 mm pitches	2
Height	85 mm
Width	18 mm
Depth	78.5 mm
Product weight	0.215 kg
Colour	White
Mechanical durability	20000 cycles
Electrical durability	10000 cycles
Connections - terminals	Single terminal, top or bottom rigid wire(s) 1...25 mm <sup>2</sup> max Single terminal, top or bottom flexible wire(s) 1...16 mm <sup>2</sup> max
Wire stripping length	14 mm top or bottom
Tightening torque	2 N.m top or bottom
Earth-leakage protection	Without

### Okolina

IP degree of protection	IP20 conforming to EN 60529 IP20 conforming to IEC 60529
pollution degree	3 conforming to EN 60947-2 3 conforming to IEC 60947-2
overvoltage category	IV
tropicalisation	2 conforming to 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

Green Premium product	Green Premium product
Compliant - since 0627 - Schneider Electric declaration of conformity	Compliant - since 0627 - Schneider Electric declaration of conformity
Reference not containing SVHC above the threshold	Reference not containing SVHC above the threshold
Available	Available
Need no specific recycling operations	Need no specific recycling operations

### Contractual warranty

Warranty period	18 months
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