



### 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         | 4P   |
| Number of protected poles | 4  |
| [In] rated current        | 40 A   |
| Network type              | AC<br>DC   |
| Trip unit technology      | Thermal-magnetic   |
| Curve code                | C  |
| Breaking capacity         | 6 kA Icu conforming to EN/IEC 60947-2 - 440 V AC 50/60 Hz<br>10 kA Icu conforming to EN/IEC 60947-2 - 380...415 V AC 50/60 Hz<br>20 kA Icu conforming to EN/IEC 60947-2 - 220...240 V AC 50/60 Hz<br>10 kA Icu conforming to EN/IEC 60947-2 - <= 250 V DC<br>6000 A Icn conforming to EN/IEC 60898-1 - 400 V AC 50/60 Hz<br>36 kA Icu conforming to EN/IEC 60947-2 - 12...60 V AC 50/60 Hz<br>36 kA Icu conforming to EN/IEC 60947-2 - 100...133 V AC 50/60 Hz |
| Utilisation category      | Category A conforming to EN 60947-2<br>Category A conforming to IEC 60947-2  |
| Suitability for isolation | Yes conforming to EN 60947-2<br>Yes conforming to IEC 60947-2<br>Yes conforming to EN 60898-1<br>Yes conforming to IEC 60898-1   |
| Standards                 | EN 60898-1<br>EN 60947-2<br>IEC 60898-1<br>IEC 60947-2   |

### Komplementarno

|                                       |  |
|---------------------------------------|--|
| Network frequency                     | 50/60 Hz   |
| Magnetic tripping limit               | 8 x In +/- 20 %  |
| [Ics] rated service breaking capacity | 6000 A 100 % x Icu conforming to EN 60898-1 - 400 V AC 50/60 Hz<br>4.5 kA 75 % x Icu conforming to IEC 60947-2 - 440 V AC 50/60 Hz<br>15 kA 75 % x Icu conforming to EN 60947-2 - 220...240 V AC 50/60 Hz<br>7.5 kA 75 % x Icu conforming to EN 60947-2 - 380...415 V AC 50/60 Hz<br>4.5 kA 75 % x Icu conforming to EN 60947-2 - 440 V AC 50/60 Hz<br>15 kA 75 % x Icu conforming to IEC 60947-2 - 220...240 V AC 50/60 Hz<br>7.5 kA 75 % x Icu conforming to IEC 60947-2 - 380...415 V AC 50/60 Hz<br>27 kA 75 % x Icu conforming to IEC 60947-2 - 12...133 V AC 50/60 Hz<br>27 kA 75 % x Icu conforming to EN 60947-2 - 12...133 V AC 50/60 Hz<br>6000 A 100 % x Icu conforming to IEC 60898-1 - 400 V AC 50/60 Hz<br>10 kA 100 % x Icu conforming to IEC 60947-2 - 180...250 V DC<br>10 kA 100 % x Icu conforming to EN 60947-2 - 180...250 V DC |
| Limitation class                      | 3 conforming to EN 60898-1<br>3 conforming to IEC 60898-1  |
| [Ui] rated insulation voltage         | 500 V AC 50/60 Hz conforming to IEC 60947-2<br>500 V AC 50/60 Hz conforming to EN 60947-2  |

Informacije dane u ovoj dokumentaciji sadrže opće opise 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 popunivu 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 poduzeća ili podružnica neće preuzeti obvezu ili snositi odgovornost za pogrešnu upotrebu ovdje sadržanih informacija.

|  |   |
|--|---|
| [Uimp] rated impulse withstand voltage           | 6 kV conforming to EN 60947-2<br>6 kV conforming to IEC 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 | YES top or bottom   |
| 9 mm pitches                                     | 8   |
| Height   | 85 mm   |
| Width  | 72 mm   |
| Depth  | 78.5 mm   |
| Product weight                                   | 0.5 kg  |
| Colour   | White   |
| Mechanical durability                            | 20000 cycles  |
| Electrical durability                            | 10000 cycles  |
| Connections - terminals                          | Single terminal, top or bottom rigid wire(s) 1...35 mm <sup>2</sup> max<br>Single terminal, top or bottom flexible wire(s) 1...25 mm <sup>2</sup> max |
| Wire stripping length                            | 14 mm top or bottom   |
| Tightening torque                                | 3.5 N.m top or bottom   |
| Earth-leakage protection                         | Separate block  |

## Okolina

|                                       |   |
|---------------------------------------|---|
| IP degree of protection               | IP20 conforming to EN 60529<br>IP20 conforming to IEC 60529 |
| pollution degree                      | 3 conforming to EN 60947-2<br>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 |
|-----------------|-----------|