

Product data sheet

Specifications



Miniature circuit breaker (MCB),
Acti9 iC60N Disbo, 3P, 16A, C
curve, 6000A (IEC/EN 60898-1),
10kA (IEC/EN 60947-2)

A9F44316

Main

| | |
|---------------------------|---|
| Range | Acti9 |
| Product Name | Disbo iC60 |
| Product Or Component Type | Miniature circuit-breaker |
| Device Short Name | IC60N |
| Poles Description | 3P |
| Number Of Protected Poles | 3 |
| [In] Rated Current | 16 A |
| Network Type | AC |
| Trip Unit Technology | Thermal-magnetic |
| Curve Code | C |
| Breaking Capacity | 6000 A Icn at 415 V AC 50/60 Hz conforming to EN/IEC 60898-1 36 kA Icu at 12...133 V AC 50/60 Hz conforming to EN/IEC 60947-2 20 kA Icu at 220...240 V AC 50/60 Hz conforming to EN/IEC 60947-2 10 kA Icu at 380...415 V AC 50/60 Hz conforming to EN/IEC 60947-2 6 kA Icu at 440 V AC 50/60 Hz conforming to EN/IEC 60947-2 10 kA Icu at <= 180 V DC conforming to EN/IEC 60947-2 |
| Utilisation Category | Category A conforming to EN/IEC 60947-2 |

Complementary

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|--|---|
| Network Frequency | 50/60 Hz |
| [Ue] Rated Operational Voltage | 400 V AC 50/60 Hz |
| Magnetic Tripping Limit | 8 x In +/- 20 % |
| [Ics] Rated Service Breaking Capacity | 27 kA 75 % conforming to EN/IEC 60947-2 - 12...133 V AC 50/60 Hz 15 kA 75 % conforming to EN/IEC 60947-2 - 220...240 V AC 50/60 Hz 7.5 kA 75 % conforming to EN/IEC 60947-2 - 380...415 V AC 50/60 Hz 4.5 kA 75 % conforming to EN/IEC 60947-2 - 440 V AC 50/60 Hz 6000 A 100 % conforming to EN/IEC 60898-1 - 415 V AC 50/60 Hz 15 kA 100 % conforming to EN/IEC 60947-2 - 100...133 V DC |
| Limitation Class | 3 conforming to EN/IEC 60947-2 |
| [Ui] Rated Insulation Voltage | 500 V AC 50/60 Hz |
| [Uimp] Rated Impulse Withstand Voltage | 6 kV conforming to EN/IEC 60947-2 |
| Contact Position Indicator | Yes |
| Control Type | Toggle |
| Local Signalling | Trip indicator |
| Mounting Mode | Clip-on |
| Mounting Support | Rail |

| | |
|---------------------------------|---|
| 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 |
| Provision For Padlocking | Padlockable |
| Connections - Terminals | Single terminal (top or bottom) 1...25 mm ² rigid Single terminal (top or bottom) 1...16 mm ² flexible |
| Wire Stripping Length | 14 mm for top or bottom connection |
| Tightening Torque | 2 N.m top or bottom |
| Earth-Leakage Protection | Separate block |

Environment

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|--|----------------------------------|
| Standards | EN/IEC 60898-1 EN/IEC 60947-2 |
| Ip Degree Of Protection | IP20 conforming to IEC 60529 |
| Pollution Degree | 3 conforming to EN/IEC 60947-2 |
| Tropicalisation | 2 conforming to IEC 60068-1 |
| Relative Humidity | 95 % at 55 °C |
| Ambient Air Temperature For Operation | -35...70 °C |
| Ambient Air Temperature For Storage | -40...85 °C |

Packing Units

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|-------------------------------------|-----------|
| Unit Type Of Package 1 | PCE |
| Number Of Units In Package 1 | 1 |
| Package 1 Height | 5.300 cm |
| Package 1 Width | 7.500 cm |
| Package 1 Length | 9.000 cm |
| Package 1 Weight | 326.000 g |
| Unit Type Of Package 2 | BB1 |
| Number Of Units In Package 2 | 4 |
| Package 2 Height | 8.400 cm |
| Package 2 Width | 9.800 cm |
| Package 2 Length | 22.000 cm |
| Package 2 Weight | 1.349 kg |
| Unit Type Of Package 3 | S03 |
| Number Of Units In Package 3 | 44 |
| Package 3 Height | 30.000 cm |
| Package 3 Width | 30.000 cm |

Package 3 Length 40.000 cm

Package 3 Weight 15.315 kg

Sustainability

Green Premium™ label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

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[Guide to assess a product's sustainability >](#)



Transparency RoHS/REACH

Well-being performance

Mercury Free

Rohs Exemption Information Yes

Halogen Free Product

Certifications & Standards

| | |
|--------------------------|---|
| Reach Regulation | REACH Declaration |
| Eu Rohs Directive | Compliant with Exemptions |
| China Rohs Regulation | China RoHS declaration Product out of China RoHS scope. Substance declaration for your information |
| Environmental Disclosure | Product Environmental Profile |
| Weee | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |
| Circularity Profile | No need of specific recycling operations |