

Residual current breaker with overcurrent protection (RCBO), Acti9 iCV40N, 3P+N, 16A, C curve, 6000A, AC type, 300mA

A9DE7716

Main

| Range | Acti9 | |
|-------------------------------------|----------------------------------------------------------------|--|
| Product Name | Acti9 iCV40 | |
| Product Or Component Type | Residual current breaker with overcurrent protection (RCBO) | |
| Device Short Name | iCV40N | |
| Device Application | Distribution | |
| Poles Description | 3P + N | |
| Number Of Protected Poles | 3 | |
| Neutral Position | Left | |
| [In] Rated Current | 16 A | |
| Network Type | AC | |
| Trip Unit Technology | Thermal-magnetic | |
| Curve Code | С | |
| Earth-Leakage Sensitivity | 300 mA | |
| Earth-Leakage Protection Time Delay | Instantaneous | |
| Earth-Leakage Protection Class | Type AC | |
| Breaking Capacity | 6000 A Icn at 400 V AC 50/60 Hz conforming to EN/IEC 61009-2-1 | |
| Suitability For Isolation | Yes conforming to EN/IEC 60947-2 | |
| Quality Labels | EAC VDE | |

Complementary

| Complementary | Outgoer | |
|----------------------------------------|-----------------------------------------------------------------------------------------------------------------------|--|
| Network Frequency | 50/60 Hz | |
| [Ue] Rated Operational Voltage | 400 V AC 50/60 Hz | |
| Magnetic Tripping Limit | 510 x ln | |
| Residual Current Tripping Technology | Voltage independent | |
| [Ics] Rated Service Breaking Capacity | 6000 A 100 % x Icn at 400 V AC 50/60 Hz conforming to EN/IEC 61009-2-1 | |
| Rated Breaking And Making Capacity | Idm 3000 A at 400 V AC 50/60 Hz conforming to EN 61009-2-1 Idm 500 A at 400 V AC 50/60 Hz conforming to IEC 61009-2-1 | |
| Limitation Class | 3 conforming to EN/IEC 61009-2-1 | |
| [Ui] Rated Insulation Voltage | 440 V AC 50/60 Hz | |
| [Uimp] Rated Impulse Withstand Voltage | 4 kV | |

| Contact Position Indicator | Yes | |
|-----------------------------------------------------|--------------------------------------------------------------------------------------------------------|--|
| Control Type | Toggle | |
| Local Signalling | Fault indication ON/OFF indication | |
| Mounting Mode | Clip-on | |
| Mounting Support | DIN rail | |
| Comb Busbar And Distribution Block Compatibility | Top or bottom: tooth | |
| Connection Pitch | 18 mm between phases 9 mm between phase and neutral | |
| 9 Mm Pitches | 10 | |
| Height | 93 mm | |
| Width | 90 mm | |
| Depth | 73 mm | |
| Net Weight | 500 g | |
| Colour | White | |
| Mechanical Durability | 20000 cycles | |
| Electrical Durability | 20000 cycles | |
| Locking Options Description | Sealable Padlocking device | |
| Connections - Terminals | Tunnel type terminals top or bottom 116 mm² rigid Tunnel type terminals top or bottom 110 mm² flexible | |
| Wire Stripping Length | 14 mm for top or bottom connection | |
| Tightening Torque | 2 N.m top or bottom | |
| Earth-Leakage Protection | Integrated | |

Environment

| Standards | EN/IEC 61009-2-1 | |
|---------------------------------------|-------------------------------------------------------------------------------|--|
| Product Certifications | CE | |
| Ip Degree Of Protection | IP20 conforming to IEC 60529 IP40 (modular enclosure) conforming to IEC 60529 | |
| Pollution Degree | 3 | |
| Overvoltage Category | III conforming to IEC 60364 | |
| Electromagnetic Compatibility | 8/20 µs impulse withstand, 250 A conforming to EN/IEC 61009-1 | |
| Relative Humidity | 95 % at 55 °C | |
| Operating Altitude | 2000 m | |
| Ambient Air Temperature For Operation | -560 °C | |
| Ambient Air Temperature For Storage | -4085 °C | |

Packing Units

| Unit Type Of Package 1 | PCE |
|------------------------------|-----------|
| Number Of Units In Package 1 | 1 |
| Package 1 Height | 8.800 cm |
| Package 1 Width | 11.200 cm |

| Package 1 Length | 12.500 cm |
|------------------------------|-----------|
| Package 1 Weight | 533.000 g |
| Unit Type Of Package 2 | S03 |
| Number Of Units In Package 2 | 16 |
| Package 2 Height | 30.000 cm |
| Package 2 Width | 30.000 cm |
| Package 2 Length | 40.000 cm |
| Package 2 Weight | 9.230 kg |

Sustainability

Green PremiumTM label is Schneider Electric's commitment to delivering products with best-inclass 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.

Learn more about Green Premium >

Guide to assess a product's sustainability >

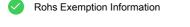




Transparency RoHS/REACh

Well-being performance





Yes



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 |