

# Product datasheet

Specifications



## Acti 9 iDPN H Vigi - RCBO - 1P+N - 10A - C Curve - 10000A - 30mA - type A-SI

A9D38610

### Main

|                                     |                                                                    |
|-------------------------------------|--------------------------------------------------------------------|
| Range                               | Acti9                                                              |
| Product Name                        | Acti9 iDPN Vigi                                                    |
| Product Or Component Type           | Residual current breaker with overcurrent protection (RCBO)        |
| Device Short Name                   | iDPN H Vigi                                                        |
| Device Application                  | Distribution                                                       |
| Poles Description                   | 1P + N                                                             |
| Number Of Protected Poles           | 1                                                                  |
| Neutral Position                    | Left                                                               |
| [In] Rated Current                  | 10 A                                                               |
| Network Type                        | AC                                                                 |
| Trip Unit Technology                | Thermal-magnetic                                                   |
| Curve Code                          | C                                                                  |
| Earth-Leakage Sensitivity           | 30 mA                                                              |
| Earth-Leakage Protection Time Delay | Instantaneous                                                      |
| Earth-Leakage Protection Class      | Type A-SI (Super Immunised)                                        |
| Breaking Capacity                   | 10000 A Icn at 230...240 V AC 50 Hz conforming to EN/IEC 61009-2-1 |
| Suitability For Isolation           | Yes conforming to EN/IEC 60947-2                                   |

### Complementary

|                                        |                                                                          |
|----------------------------------------|--------------------------------------------------------------------------|
| Complementary                          | Outgoer                                                                  |
| Network Frequency                      | 50 Hz                                                                    |
| [Ue] Rated Operational Voltage         | 230...240 V AC 50 Hz                                                     |
| Magnetic Tripping Limit                | 5...10 x In                                                              |
| Residual Current Tripping Technology   | Voltage independent                                                      |
| [Ics] Rated Service Breaking Capacity  | 7500 A 75 % x Icn at 230...240 V AC 50 Hz conforming to EN/IEC 61009-2-1 |
| Rated Breaking And Making Capacity     | Idm 6000 A at 230...240 V AC 50 Hz conforming to EN/IEC 61009-2-1        |
| Limitation Class                       | 3 conforming to EN/IEC 61009-2-1                                         |
| [Ui] Rated Insulation Voltage          | 400 V AC 50 Hz                                                           |
| [Uimp] Rated Impulse Withstand Voltage | 4 kV                                                                     |
| Contact Position Indicator             | Yes                                                                      |

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

|                                                  |                                                                                                                                                                       |
|--------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Control Type                                     | Toggle                                                                                                                                                                |
| Local Signalling                                 | ON, OFF, fault trip                                                                                                                                                   |
| Mounting Mode                                    | Clip-on                                                                                                                                                               |
| Mounting Support                                 | DIN rail                                                                                                                                                              |
| Comb Busbar And Distribution Block Compatibility | Top or bottom: YES                                                                                                                                                    |
| Connection Pitch                                 | 9 mm between phase and neutral                                                                                                                                        |
| 9 Mm Pitches                                     | 4                                                                                                                                                                     |
| Height                                           | 85 mm                                                                                                                                                                 |
| Width                                            | 36 mm                                                                                                                                                                 |
| Depth                                            | 73 mm                                                                                                                                                                 |
| Net Weight                                       | 125 g                                                                                                                                                                 |
| Colour                                           | White                                                                                                                                                                 |
| Mechanical Durability                            | 20000 cycles                                                                                                                                                          |
| Electrical Durability                            | 20000 cycles                                                                                                                                                          |
| Locking Options Description                      | Padlocking device                                                                                                                                                     |
| Connections - Terminals                          | Single terminal top or bottom 1...16 mm² rigid<br>Single terminal top or bottom 1...10 mm² flexible<br>Single terminal top or bottom 1...10 mm² flexible with ferrule |
| Wire Stripping Length                            | 15 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                | VDE                                                                              |
| Ip Degree Of Protection               | IP20 conforming to IEC 60529<br>IP40 (modular enclosure) conforming to IEC 60529 |
| Pollution Degree                      | 3                                                                                |
| Overvoltage Category                  | III conforming to IEC 60364                                                      |
| Electromagnetic Compatibility         | 8/20 µs impulse withstand, 3000 A conforming to EN/IEC 61009-2-1                 |
| Tropicalisation                       | 2 conforming to IEC 60068-1                                                      |
| Relative Humidity                     | 95 % at 55 °C                                                                    |
| Ambient Air Temperature For Operation | -25...60 °C                                                                      |
| Ambient Air Temperature For Storage   | -40...85 °C                                                                      |

## Packing Units

|                              |         |
|------------------------------|---------|
| Unit Type Of Package 1       | PCE     |
| Number Of Units In Package 1 | 1       |
| Package 1 Height             | 4.0 cm  |
| Package 1 Width              | 8.0 cm  |
| Package 1 Length             | 10.2 cm |
| Package 1 Weight             | 210 g   |

|                              |            |
|------------------------------|------------|
| Unit Type Of Package 2       | S03        |
| Number Of Units In Package 2 | 54         |
| Package 2 Height             | 30.0 cm    |
| Package 2 Width              | 30.0 cm    |
| Package 2 Length             | 40.0 cm    |
| Package 2 Weight             | 11.781 kg  |
| Unit Type Of Package 3       | P12        |
| Number Of Units In Package 3 | 432        |
| Package 3 Height             | 44.4 cm    |
| Package 3 Width              | 80 cm      |
| Package 3 Length             | 120 cm     |
| Package 3 Weight             | 106.248 kg |

## Contractual warranty

|          |           |
|----------|-----------|
| Warranty | 12 months |
|----------|-----------|

## 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-CO<sub>2</sub> 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

## Well-being performance

✓ Mercury Free

✓ Rohs Exemption Information [Yes](#)

✓ Halogen Free Plastic Parts Product

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