

This A9D31616 Acti 9 iDPN N Vigi is a modular residual current breaker with overcurrent protection (RCBO). It is a 1P+N circuit breaker with 1 protected pole, 16A In rated current and C tripping curve. The earth leakage protection class is AC type with a sensitivity of 30mA. The earth-leakage protection time delay is instantaneous. The Icn rated short circuit breaking capacity is up to 6000A according EN/IEC 61009-2-1 standard. This product protects against short circuit, cable overload, electrical shock by indirect contact and fire hazards. Its earth fault indicator on front face allows quick identification of the type of default. It has a longer service life thanks to its high limitation and fast closing. It has a test button. This product is compliant with EN/IEC 61009-2-1 standard. It has an electrical endurance going up to 20000 cycles and a mechanical endurance going up to 20000 cycles. The Ue operational voltage is 220VAC to 240VAC. The Ui rated insulation voltage is 400VAC. The Uimp rated impulse withstand voltage is 4kV. The frequency is 50Hz. It is DIN rail mountable. The width in 9mm pitches is 4. The product color is white (RAL9003). The dimensions are (W) 36mm x (H) 85mm x (D) 73mm. The weight is 125g. According to IEC 60529 standard, the degree of protection is IP20 and IP40 in enclosure. The operating temperature is from -5°C to 60°C. The storage temperature is from -40°C to 85°C.

The Schneider Electric A9D31616 Acti 9 iDPN N Vigi is a versatile RCBO that can be integrated into various systems. Here are the key details, compatible products, and additional information to help you with your application:

Key Features:

- Rated Operational Voltage: 220-240 V AC.
- Rated Current: 16 A.
- Tripping Curve: C curve.
- Breaking Capacity: 6000 A according to EN/IEC 61009-2-1.
- Earth Leakage Protection:
- Type: AC
- Sensitivity: 30 mA
- Time Delay: Instantaneous
- Protection Functions: Protects against short circuits, overloads, electrical shocks by indirect contact, and fire hazards

Integration:

- Mounting: DIN rail mountable.

Dimensions:

- Width: 36 mm
- Height: 85 mm

- Depth: 73 mm
- Weight: 125 g.

Connection: Single terminal top or bottom, suitable for 1-16 mm² rigid or 1-10 mm² flexible cables

Environmental Conditions:

- Operating Temperature: -5°C to 60°C
- Storage Temperature: -40°C to 85°C
- Degree of Protection: IP20 (IP40 in enclosure) according to IEC 60529

Compatible Products:

- Auxiliaries:
- Auxiliary contacts (e.g., A9A26924)
- Alarm contacts (e.g., A9A26925)

Communication Modules:

- Acti 9 Smartlink (e.g., A9XMSB11)

Accessories:

- Insulating shields (e.g., A9A27062)
- Terminal shields (e.g., A9A27060)
- Padlocking devices (e.g., A9A26970)