

## A9D31616

earth leakage circuit breaker iDPN N Vigi - 1P + N - 16A - 30mA class AC



### Main

Circuit breaker application	Distribution
Range	Acti 9
Product or component type	Earth leakage circuit breaker
Product name	IDPN Vigi
Device short name	IDPN N Vigi
Poles description	1P + N
Neutral position	Left
[In] rated current	16 A
Network type	AC
Curve code	C
Earth-leakage sensitivity	30 mA
Earth-leakage protection time delay	Instantaneous
Earth-leakage protection class	Class AC
Breaking capacity	Icn 6 kA at 230 V AC 50 Hz conforming to EN 61009

### Complementary

Device location in system	Outgoer
Network frequency	50 Hz
[Ue] rated operational voltage	230 V AC 50 Hz
Trip unit technology	Thermal-magnetic
Magnetic tripping limit	5...10 x In
[Ics] rated service breaking capacity	Ics 6 kA 230 V AC 50 Hz conforming to EN 61009
Limitation class	3 conforming to EN 61009
[Ui] rated insulation voltage	400 V AC 50 Hz
[Uimp] rated impulse withstand voltage	4 kV conforming to EN 61009
Contact position indicator	Yes
Control type	Toggle
Local signalling	ON, OFF, fault trip
Mounting support	DIN rail
9 mm pitches	4
Height	85 mm
Width	36 mm
Depth	73 mm
Product weight	0.125 kg
Colour	White
Mechanical durability	20000 cycles
Electrical durability	20000 cycles
Connections - terminals	Cable 1...16 mm <sup>2</sup> rigid Cable 1...10 mm <sup>2</sup> flexible with cable end Cable 1...10 mm <sup>2</sup> flexible without cable end
Wire stripping length	15 mm
Tightening torque	3.5 N.m

### Environment

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Standards	EN 61009 IEC 61009
Product certifications	GOST VDE
IP degree of protection	IP20 conforming to IEC 60529
Overvoltage category	III
Electromagnetic compatibility	8/20 $\mu$ s impulse withstand, 250 A conforming to EN 61009
Tropicalisation	2 conforming to IEC 60068-1
Relative humidity	95 % ( 55 °C )
Ambient air temperature for operation	-5...60 °C
Ambient air temperature for storage	-40...85 °C

### Offer Sustainability

Sustainable offer status	Green Premium product
RoHS	Compliant - since 1214 - Schneider Electric declaration of conformity
Product environmental profile	Available
Product end of life instructions	Need no specific recycling operations