



Main

Range	Acti 9
Product name	Acti 9 iDPN H 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	16 A
Network type	AC
Trip unit technology	Thermal-magnetic
Curve code	C
Earth-leakage sensitivity	300 mA
Earth-leakage protection time delay	Instantaneous
Earth-leakage protection class	Type A
Breaking capacity	Icn 10000 A at 220...240 V AC 50 Hz conforming to EN/IEC 61009-2-1
Suitability for isolation	Yes conforming to EN/IEC 60947-2

Complementary

Device location in system	Outgoer
Network frequency	50 Hz
[Ue] rated operational voltage	220...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 220...240 V AC 50 Hz conforming to EN/IEC 61009-2-1
Rated breaking and making capacity	I _{dm} 10000 A at 220...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
Control type	Toggle
Local signalling	ON, OFF, fault trip
Mounting mode	Clip-on
Mounting support	DIN rail
9 mm pitches	4
Height	85 mm
Width	36 mm
Depth	73 mm
Product 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 flexible wire(s) 1...10 mm ² max Single terminal, top or bottom flexible with ferrule wire(s) 1...10 mm ² max Single terminal, top or bottom rigid wire(s) 1...16 mm ² max
Wire stripping length	15 mm (top or bottom)
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	IP40 for modular enclosure conforming to IEC 60529 IP20 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 61009-2-1
Tropicalisation	2 conforming to IEC 60068-1
Relative humidity	95 % (55 °C)
Ambient air temperature for operation	-25...60 °C
Ambient air temperature for storage	-40...85 °C

Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 1214 - Schneider Electric declaration of conformity Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold Reference not containing SVHC above the threshold
Product environmental profile	Available
Product end of life instructions	Need no specific recycling operations

Contractual warranty

Warranty period	18 months
-----------------	-----------