



Main

Circuit breaker application	Distribution
Range	Acti 9
Product or component type	Residual current breaker with overcurrent protection (RCBO)
Product name	IDPN Vigi
Device short name	IDPN N Vigi
Poles description	1P + N
Neutral position	Left
Number of protected poles	1
[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 6000 A at 230 V AC 50 Hz conforming to EN/IEC 61009-1 Icn 6000 A at 230 V AC 50 Hz conforming to EN/IEC 61009-2-1
Suitability for isolation	Yes conforming to IEC 60947-1

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
Residual current tripping technology	Voltage independent
[Ics] rated service breaking capacity	I _{dm} 6000 A 230 V AC 50 Hz conforming to EN/IEC 61009-1 I _{dm} 6000 A 230 V AC 50 Hz conforming to EN/IEC 61009-2-1
Limitation class	3 conforming to EN/IEC 61009-1

	3 conforming to EN/IEC 61009-2-1
[Ui] rated insulation voltage	400 V AC 50 Hz
[Uimp] rated impulse withstand voltage	4 kV
Surge current	0.25 A
Contact position indicator	Yes
Control type	Toggle
Local signalling	ON, OFF, fault trip
Mounting support	DIN rail
Comb busbar distribution block compatibility	YES top or bottom :
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
Provision for padlocking	Padlockable
Locking options description	Sealable Keylock in OFF or ON position
Connections - terminals	Single terminal 1...16 mm ² rigid Single terminal 1...10 mm ² flexible with cable end Single terminal 1...10 mm ² flexible without cable end
Wire stripping length	15 mm
Tightening torque	3.5 N.m
Earth-leakage protection	Integrated

Environment

Standards	EN/IEC 61009-1 EN/IEC 61009-2-1
Product certifications	VDE GOST
IP degree of protection	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 61009-1 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	-5...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
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