



Main

Circuit breaker application	Distribution
Range	Acti 9
Product or component type	Earth leakage circuit breaker
Product name	IDPN Vigi+
Device short name	IDPNN Vigi+
Poles description	1P + N
Neutral position	Left
Number of protected poles	1
[In] rated current	16 A at 30 °C
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	6000 A Icn conforming to IEC 61009-1
Suitability for isolation	Yes

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 dependent
Residual breaking and making capacity	6000 A conforming to IEC 61009-1
[Ui] rated insulation voltage	conforming to IEC 61009-1

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

[Uimp] rated impulse withstand voltage	4 kV conforming to IEC 61009-1
Contact position indicator	Yes
Control type	Toggle
Local signalling	ON/OFF indication
Mounting support	DIN rail
Comb busbar and distribution block compatibility	Top: YES
9 mm pitches	2
Height	96.1 mm
Width	18 mm
Depth	65.8 mm
Net weight	136 kg
Mechanical durability	20000 cycles
Electrical durability	10000 cycles
Connections - terminals	Tunnel type terminals (top) - $\leq 16 \text{ mm}^2$ - rigid without cable end Tunnel type terminals (bottom) - $\leq 10 \text{ mm}^2$ - rigid without cable end
Wire stripping length	Power circuit: 15 mm for top or bottom connection
Tightening torque	Power circuit: 2.5 N.m top Power circuit: 2 N.m bottom

Environment

Standards	IEC 61009-1 GB 16917.1
Product certifications	CCC
Tropicalisation	2
Relative humidity	95 % at 55 °C
Ambient air temperature for operation	-25...55 °C
Ambient air temperature for storage	-30...70 °C

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	REACH Declaration
REACH free of SVHC	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	Download RoHS China Declaration Product out of China RoHS scope. Substance declaration for your information
Circularity Profile	No need of specific recycling operations

Contractual warranty

Warranty	18 months
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