



### 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	32 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
Product weight	136 kg
Mechanical durability	20000 cycles
Electrical durability	10000 cycles
Connections - terminals	Tunnel type terminals (top) - <= 16 mm <sup>2</sup> - rigid without cable end Tunnel type terminals (bottom) - <= 10 mm <sup>2</sup> - 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	<a href="#">REACH Declaration</a>
REACH free of SVHC	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>
China RoHS Regulation	<a href="#">Download RoHS China Declaration</a>
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Circularity Profile	No need of specific recycling operations

## Contractual warranty

Warranty	18 months
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