



### Main

Circuit breaker application	Distribution
Range	Clario
Product or component type	Earth leakage circuit breaker
Product name	IDPN Vigi
Device short name	IDPN Vigi
Poles description	1P + N
Neutral position	Left
Number of protected poles	1
[In] rated current	32 A at 30 °C
Earthing system	TN-S
Network type	AC
Trip unit technology	Thermal-magnetic
Curve code	C
Earth-leakage sensitivity	300 mA
Earth-leakage protection time delay	Instantaneous
Type	Type AC
Breaking capacity	4500 A Icn at 230 V AC 50 Hz conforming to EN 61009
Suitability for isolation	Yes

### Complementary

Device location in system	Outgoer
Network frequency	50 Hz
[Ue] rated operational voltage	230 V AC 50 Hz between phase and neutral
Magnetic tripping limit	5...10 x In
Residual current tripping technology	Voltage independent
[Ics] rated service breaking capacity	4500 A at 230 V AC 50 Hz conforming to EN 61009
Limitation class	3 conforming to EN 61009
[Ui] rated insulation voltage	440 V AC conforming to EN 61009
[Uimp] rated impulse withstand voltage	4 kV conforming to EN 61009
Contact position indicator	Yes
Control type	Toggle
Local signalling	ON/OFF indication
Mounting support	DIN rail
Comb busbar and distribution block compatibility	Upstream: Clario
9 mm pitches	4
Height	81 mm
Width	36 mm
Depth	71 mm
Net weight	210 g
Colour	White
Mechanical durability	20000 cycles
Electrical durability	10000 cycles conforming to EN 61009

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Connections - terminals	Cable (downstream) 0.75...16 mm <sup>2</sup> rigid Cable (downstream) 0.33...10 mm <sup>2</sup> flexible Cable (upstream) 0.75...16 mm <sup>2</sup> rigid Cable (upstream) 0.33...10 mm <sup>2</sup> flexible
Wire stripping length	13 mm
Tightening torque	2 N.m
Earth-leakage protection	Integrated
Product compatibility	Single terminal

## Environment

Standards	EN/IEC 61009-1 EN/IEC 61009-2-1
IP degree of protection	IP20 conforming to IEC 60529
Pollution degree	3 conforming to EN 61009
Tropicalisation	2 conforming to IEC 60068-1
Relative humidity	95 % at 55 °C
Operating altitude	2000 m
Ambient air temperature for operation	-5...60 °C
Ambient air temperature for storage	-40...60 °C

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	197 g
Package 1 Height	8.5 cm
Package 1 width	4 cm
Package 1 Length	10 cm

## Offer Sustainability

Sustainable offer status	Green Premium product
EU RoHS Directive	Compliant <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>
China RoHS Regulation	<a href="#">China RoHS Declaration</a>
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

## Contractual warranty

Warranty	18 months
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