



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	10 A at 30 °C
Network type	AC
Trip unit technology	Thermal-magnetic
Curve code	C
Earth-leakage sensitivity	30 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	20000 cycles conforming to EN 61009

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

Environment

Standards	EN/IEC 61009-2-1 EN/IEC 61009-1
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 Height	4 cm
Package 1 Width	8.5 cm
Package 1 Length	10 cm
Package 1 Weight	200 g

Offer Sustainability

Sustainable offer status	Green Premium product
EU RoHS Directive	Compliant EU RoHS Declaration
Mercury free	Yes
China RoHS Regulation	China RoHS Declaration
RoHS exemption information	Yes
Environmental Disclosure	Product Environmental Profile
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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