



Main

Circuit breaker application	Distribution
Range of product	IDPN Vigi
Product or component type	Earth leakage circuit breaker
Device short name	IDPN N Vigi
Poles description	1P + N
Neutral position	Left
[In] rated current	10 A
Network type	AC
Curve code	C
Earth-leakage sensitivity	30 mA
Earth-leakage protection time delay	Instantaneous
Earth-leakage protection class	Class A
Breaking capacity	Icn 6 kA at 230 V AC 50 Hz conforming to EN 61009

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
[Ics] rated service breaking capacity	Ics 6 kA 230 V AC 50 Hz conforming to EN 61009
Limitation class	3 conforming to EN 61009
[Ui] rated insulation voltage	400 V AC 50 Hz
[Uimp] rated impulse withstand voltage	4 kV conforming to EN 61009
Contact position indicator	Yes
Control type	Toggle
Local signalling	Positive break indication
Mounting support	35 mm symmetrical DIN rail
9 mm pitches	4
Height	85 mm
Width	36 mm
Depth	73 mm
Product weight	0.125 kg
Colour	White
Mechanical durability	20000 cycles
Electrical durability	20000 cycles
Connections - terminals	Cable 1...10 mm ² flexible without cable end Cable 1...10 mm ² flexible with cable end Cable 1...16 mm ² rigid
Wire stripping length	15 mm
Tightening torque	3.5 N.m

Environment

Standards	EN 61009 IEC 61009
Product certifications	KEMA VDE RCM
IP degree of protection	IP20 conforming to IEC 60529
Overvoltage category	III
Electromagnetic compatibility	8/20 μ s impulse withstand, 250 A conforming to EN 61009
Tropicalisation	2 conforming to IEC 60068-1
Relative humidity	95 % (55 °C)
Ambient air temperature for operation	-25...60 °C
Ambient air temperature for storage	-40...85 °C

RoHS compliance

RoHS EUR status	Compliant
RoHS EUR conformity date(Y Y W W)	1214

Contractual warranty

Period	18 months
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