A9D31606

earth leakage circuit breaker iDPN N Vigi - 1P + N - 6A - 30mA class AC

Green Premium Product

Main

Circuit breaker application	Distribution
Range	Acti 9
Product or component type	Earth leakage circuit breaker
Product name	IDPN Vigi
Device short name	IDPN N Vigi
Poles description	1P + N
Neutral position	Left
[In] rated current	6 A
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	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	ON, OFF, fault trip
Mounting support	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…16 mm² rigid Cable 1…10 mm² flexible with cable end Cable 1…10 mm² flexible without cable end
Wire stripping length	15 mm
Tightening torque	3.5 N.m

Environment

Schneider Electric

Standards	EN 61009
	IEC 61009
Product certifications	GOST
	VDE
IP degree of protection	IP20 conforming to IEC 60529
Overvoltage category	III
Electromagnetic compatibility	8/20 µs 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	-5...60 °C
Ambient air temperature for storage	-40...85 °C

Offer Sustainability

Sustainable offer status	Green Premium product
RoHS	Compliant - since 1214 - Schneider Electric declaration of conformity
Product environmental profile	Available
Product end of life instructions	Need no specific recycling operations