

Product data sheet

Specifications



Clario - earth leakage circuit breaker - iDPN Vigi - 1P + N - 25A - 30mA

A9N21618

⚠ Discontinued on: Dec 15, 2021

⚠ Discontinued

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	25 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

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

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
Connections - Terminals	Cable (downstream) 0.75...16 mm² rigid Cable (downstream) 0.33...10 mm² flexible Cable (upstream) 0.75...16 mm² rigid Cable (upstream) 0.33...10 mm² 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	202 g

Contractual warranty

Warranty	18 months
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Sustainability

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Transparency

Well-being performance

✓	Mercury Free	
✓	Rohs Exemption Information	Yes
✓	Halogen Free Plastic Parts Product	
Reach Regulation	REACH Declaration	
Eu Rohs Directive	Compliant with Exemptions	
China Rohs Regulation	China RoHS declaration Product out of China RoHS scope. Substance declaration for your information	
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	