

Product data sheet

Specifications



ProDis - earth leakage circuit breaker - DT40 Vigi - 1P + N - 16A - 30mA

A9N21444

⚠ Discontinued on: Oct 14, 2021

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Main

Circuit Breaker Application	Distribution
Range	Prodis
Product Or Component Type	Earth leakage circuit breaker
Product Name	DT40 Vigi
Device Short Name	DT40 Vigi
Poles Description	1P + N
Neutral Position	Left
Number Of Protected Poles	1
[In] Rated Current	16 A
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 6 kA Icu at 230 V AC 50 Hz conforming to EN 60947-2
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
Surge Current	250 A
Magnetic Tripping Limit	5...10 x In
Residual Current Tripping Technology	Voltage independent
[Ics] Rated Service Breaking Capacity	4.5 kA at 230 V AC 50 Hz conforming to EN 60947-2
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

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

Contact Position Indicator	Yes
Control Type	Toggle
Local Signalling	ON/OFF indication
Mounting Support	DIN rail
Comb Busbar And Distribution Block Compatibility	Upstream: ProDis
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
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 61009-2-1 EN 60947-2 EN 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	8.3 cm
Package 1 Length	9.8 cm
Package 1 Weight	203.9 g

Contractual warranty

Warranty

18 months

Sustainability

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Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

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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