

Product data sheet

Specifications



ProDis - earth leakage circuit breaker - DT40 Vigi - 1P + N - 10A - 30mA

A9N21442

Discontinued on: Oct 14, 2021

Discontinued

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	10 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 61009-1 EN 60947-2
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	3.8 cm
Package 1 Width	10.2 cm
Package 1 Length	8.2 cm
Package 1 Weight	200 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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[Guide to assess a product's sustainability >](#)



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