

# Product datasheet

Specifications



## ProDis - earth leakage circuit breaker - DT40 Vigi - 1P + N - 16A - 300mA

A9N21445

⚠ Discontinued on: 14 Oct 2021

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EAN Code: 3606480411977

### 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	300 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

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 mm <sup>2</sup> rigid Cable (downstream) 0.33...10 mm <sup>2</sup> flexible Cable (upstream) 0.75...16 mm <sup>2</sup> rigid Cable (upstream) 0.33...10 mm <sup>2</sup> flexible
Wire stripping length	13 mm
Tightening torque	2 N.m
Earth-leakage protection	Integrated
Product compatibility	Single terminal

## Environment

Standards	EN 60947-2 EN 61009-2-1 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	8.2 cm
Package 1 Length	10 cm
Package 1 Weight	198 g

## Contractual warranty





## Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

### Use Better



#### Materials and Substances

Packaging made with recycled cardboard	Yes
SCIP Number	E30d8de5-e712-4620-931e-4a4cf9525d5a
EU RoHS Directive	<a href="#">Compliant By Exemption</a>
REACH Regulation	<a href="#">Reference contains Substances of Very High Concern above the threshold</a>
Halogen-free status	Halogen free plastic parts product

### Use Longer




#### Lifetime extension

Repair	No
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### Use Again



#### Repack and remanufacture

Take-back	No
WEEE Label	 The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins