

# Product datasheet

Specifications



## DT40 - circuit breaker - DT40N - 1P + N - 6A - D curve

A9N21374

⚠ Discontinued on: 10 Nov 2021

EAN Code: 3606480381836

⚠ Discontinued

### Main

Range of product	ProDis
Range	Prodis
Product name	DT40
Product or component type	Miniature circuit-breaker
Device short name	DT40N
Device application	Distribution
Poles description	1P + N
Number of protected poles	1
Neutral position	Left
[In] rated current	6 A
Network type	AC
Trip unit technology	Thermal-magnetic
Curve code	D
Breaking capacity	6000 A Icn at 230 V AC 50 Hz conforming to EN/IEC 60898-1 10 kA Icu at 230...240 V AC 50 Hz conforming to IEC 60947-2
Suitability for isolation	Yes
Quality labels	NF

### Complementary

Network frequency	50 Hz
[Ue] rated operational voltage	230 V AC 50 Hz between phase and neutral
Magnetic tripping limit	10...14 x In
[Ics] rated service breaking capacity	7.5 kA 75 % x Icn at 230 V AC 50 Hz conforming to IEC 60947-2 6000 A 100 % x Icn at 230 V AC 50 Hz conforming to EN/IEC 60898-1
Limitation class	3 conforming to EN/IEC 60898-1
[Ui] rated insulation voltage	400 V AC 50 Hz
[Uimp] rated impulse withstand voltage	4 kV conforming to IEC 60947-2
Contact position indicator	Yes
Control type	Toggle
Local signalling	ON/OFF indication
Mounting mode	Clip-on

<b>Mounting support</b>	DIN rail
<b>9 mm pitches</b>	2
<b>Height</b>	81 mm
<b>Width</b>	18 mm
<b>Depth</b>	78 mm
<b>Net weight</b>	115 g
<b>Colour</b>	White
<b>Mechanical durability</b>	20000 cycles
<b>Electrical durability</b>	20000 cycles
<b>Locking options description</b>	Padlocking device
<b>Connections - terminals</b>	Tunnel type terminals downstream 0.33...10 mm <sup>2</sup> flexible Tunnel type terminals downstream 0.75...16 mm <sup>2</sup> rigid Tunnel type terminals upstream 0.33...10 mm <sup>2</sup> flexible Tunnel type terminals upstream 0.75...16 mm <sup>2</sup> rigid
<b>Wire stripping length</b>	13 mm
<b>Tightening torque</b>	2 N.m
<b>Earth-leakage protection</b>	Separate block

## Environment

<b>Standards</b>	EN/IEC 60898-1 EN/IEC 60947-2
<b>IP degree of protection</b>	IP20 conforming to IEC 60529
<b>Pollution degree</b>	3 conforming to IEC 60947-2
<b>Overvoltage category</b>	IV
<b>Tropicalisation</b>	2 conforming to IEC 60068-1
<b>Relative humidity</b>	95 % at 55 °C
<b>Operating altitude</b>	2000 m
<b>Ambient air temperature for operation</b>	-25...70 °C
<b>Ambient air temperature for storage</b>	-40...70 °C

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Number of Units in Package 1</b>	1
<b>Package 1 Height</b>	1.7 cm
<b>Package 1 Width</b>	7.2 cm
<b>Package 1 Length</b>	9 cm
<b>Package 1 Weight</b>	114 g

## Contractual warranty

<b>Warranty (in months)</b>	18
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## 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 >](#)



### Environmental footprint

[Environmental Disclosure](#)

[Product Environmental Profile](#)

## Use Better



### Materials and Substances

Packaging made with recycled cardboard

Yes

EU RoHS Directive

[Compliant By Exemption](#)

Halogen-free status

Halogen free product

## Use Longer



### Lifetime extension

Repair

No

## Use Again



### Repack and remanufacture

WEEE Label



The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins