

# Product datasheet

Specifications



## DT40 - circuit breaker - DT40N - 1P + N - 16A - C curve

A9N21366

⚠ Discontinued on: 10 Nov 2021

EAN Code: 3606480381751

⚠ 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        | 16 A   |
| Network type              | AC   |
| Trip unit technology      | Thermal-magnetic   |
| Curve code                | C  |
| Breaking capacity         | 6000 A Icn at 230 V AC 50 Hz conforming to EN/IEC 60898-1<br>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                | 5...10 x In  |
| [Ics] rated service breaking capacity  | 7.5 kA 75 % x Icn at 230 V AC 50 Hz conforming to IEC 60947-2<br>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<br>Tunnel type terminals downstream 0.75...16 mm <sup>2</sup> rigid<br>Tunnel type terminals upstream 0.33...10 mm <sup>2</sup> flexible<br>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<br>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>             | 1.8 cm |
| <b>Package 1 Width</b>              | 7.3 cm |
| <b>Package 1 Length</b>             | 8.8 cm |
| <b>Package 1 Weight</b>             | 112 g  |

## Contractual warranty

|                             |    |
|-----------------------------|----|
| <b>Warranty (in months)</b> | 18 |
|-----------------------------|----|



## 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

SCIP Number

C839c050-8547-41ce-b0db-e9813554fc09

EU RoHS Directive

[Compliant By Exemption](#)

REACH Regulation

[Reference contains Substances of Very High Concern above the threshold](#)

Halogen-free status

Halogen free product

## Use Longer



### Lifetime extension

Repair

No

## 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