

# Product data sheet

Specifications



## DT40 - circuit breaker - DT40N - 1P + N - 25A - C curve

A9N21368

- ❗ Discontinued on: 14 October 2021
- ❗ End-of-service on: 14 October 2021

❗ 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	25 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 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 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

<b>Control type</b>	Toggle
<b>Local signalling</b>	ON/OFF indication
<b>Mounting mode</b>	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>Product weight</b>	115 g
<b>Colour</b>	White
<b>Mechanical durability</b>	20000 cycles
<b>Electrical durability</b>	10000 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 Weight</b>	119 g
<b>Package 1 Height</b>	1.7 cm
<b>Package 1 width</b>	7.2 cm
<b>Package 1 Length</b>	9 cm
<b>Unit Type of Package 2</b>	BB1
<b>Number of Units in Package 2</b>	12
<b>Package 2 Weight</b>	1.473 kg
<b>Package 2 Height</b>	2.85 cm

Package 2 width	30 cm
Package 2 Length	20 cm
Unit Type of Package 3	S03
Number of Units in Package 3	144
Package 3 Weight	18.105 kg
Package 3 Height	30 cm
Package 3 width	30 cm
Package 3 Length	40 cm

## Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	<a href="#">REACH Declaration</a>
EU RoHS Directive	Compliant <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>
China RoHS Regulation	<a href="#">China RoHS declaration</a> Product out of China RoHS scope. Substance declaration for your information
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
Halogen content performance	Halogen free product

## Contractual warranty

Warranty	18 months
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## Recommended replacement(s)