

# Product data sheet

Specifications



## DT40 - circuit breaker - DT40 - 1P + N - 3A - C curve

A9N21021

! Discontinued 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	DT40
Device application	Distribution
Poles description	1P + N
Number of protected poles	1
Neutral position	Left
[In] rated current	3 A
Network type	AC
Trip unit technology	Thermal-magnetic
Curve code	C
Breaking capacity	4500 A Icn at 230 V AC 50 Hz conforming to EN/IEC 60898-1 6 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	4500 A 100 % x Icn at 230 V AC 50 Hz conforming to EN/IEC 60898-1 4.5 kA 75 % x Icu at 230...240 V AC 50 Hz conforming to IEC 60947-2
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
Mounting support	DIN rail
9 mm pitches	2
Height	81 mm
Width	18 mm
Depth	78 mm
Net weight	115 g
Colour	White
Mechanical durability	20000 cycles
Electrical durability	20000 cycles
Locking options description	Padlocking device
Connections - terminals	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
Wire stripping length	13 mm
Tightening torque	2 N.m
Earth-leakage protection	Separate block

## Environment

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

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	1.7 cm
Package 1 Width	7.2 cm
Package 1 Length	9 cm
Package 1 Weight	117 g

## Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	<a href="#">REACH Declaration</a>
EU RoHS Directive	Compliant

[EU RoHS Declaration](#)

---

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

---

**Contractual warranty**

---

<b>Warranty</b>	18 months
-----------------	-----------

**Recommended replacement(s)**