Product data sheet
Characteristics

A9N21374
DT40 - circuit breaker - DT40N - 1P + N - 6A - D curve



⚠ End of Commercialisation

Commercial status
End of Commercialisation : OCT 14, 2021

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
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 mm² flexible Tunnel type terminals downstream 0.75…16 mm² rigid Tunnel type terminals upstream 0.33…10 mm² flexible Tunnel type terminals upstream 0.75…16 mm² 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	114 G

Offer Sustainability

Mercury free	Yes
Sustainable packaging	No
Environmental Disclosure	Product Environmental Profile
Packaging made with recycled cardboard	Yes
EU RoHS Directive	Compliant By Exemption
Halogen-free status	Halogen free product
WEEE Label	The product must be disposed on European Union markets following specific waste collection and

Contractual warranty

Warranty (in months)	18

Product Life Status : End of commerc. - Block