

Product datasheet

Characteristics

A9N21375

DT40 - circuit breaker - DT40N - 1P + N - 10A - D curve



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	10 A
Network type	AC
Trip unit technology	Thermal-magnetic
Curve code	D
Breaking capacity	Icn 6000 A at 230 V AC 50 Hz conforming to EN/IEC 60898-1 Icu 10 kA 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
Product weight	115 g
Colour	White
Mechanical durability	20000 cycles
Electrical durability	20000 cycles
Locking options description	Padlocking device
Connections - terminals	Tunnel type terminals, downstream flexible wire(s) 0.33...10 mm ² max

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Tunnel type terminals, downstream rigid wire(s) 0.75...16 mm² max
Tunnel type terminals, upstream flexible wire(s) 0.33...10 mm² max
Tunnel type terminals, upstream rigid wire(s) 0.75...16 mm² max

Wire stripping length	13 mm
Tightening torque	2 N.m
Earth-leakage protection	Separate block

Environment

standards	EN/IEC 60947-2 EN/IEC 60898-1
IP degree of protection	IP20 conforming to IEC 60529
pollution degree	3 conforming to IEC 60947-2
tropicalisation	2 conforming to IEC 60068-1
relative humidity	95 % (55 °C)
operating altitude	2000 m
ambient air temperature for operation	-25...70 °C
ambient air temperature for storage	-40...70 °C

Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 0627 - Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold
Product environmental profile	Available
Product end of life instructions	Need no specific recycling operations

Contractual warranty

Warranty period	18 months
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