

Main

Circuit breaker application	Distribution
Range of product	DT40
Device short name	DT40N
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
Suitability for isolation	Yes

Complementary

Network frequency	50/60 Hz
[Ue] rated operational voltage	230 V between phase and neutral AC 50/60 Hz
Magnetic tripping limit	5...10 x In
Breaking capacity	6 kA Icn conforming to EN 60898 - 230 V AC 50/60 Hz 10 kA Icu conforming to IEC 60947-2 - 230...240 V AC 50/60 Hz
[Ics] rated service breaking capacity	6 kA conforming to EN 60898 AC
Limitation class	3 EN 60898
[Ui] rated insulation voltage	400 V
[Uimp] rated impulse withstand voltage	6 kV
Control type	Toggle
Local signalling	ON/OFF indication
Mounting mode	Fixed
Mounting support	35 mm symmetrical DIN rail
Comb busbar distribution block compatibility	ProDis
9 mm pitches	2
Colour	White
Mechanical durability	20000 cycles
Electrical durability	20000 cycles
Connections - terminals	Tunnel type terminals 1...16 mm ² rigid Tunnel type terminals 1.5...16 mm ² flexible

Environment

Standards	EN 60898 EN 61009 IEC 60947-2
IP degree of protection	IP4
Pollution degree	3 IEC 60947-2
Tropicalisation	2
Relative humidity	95 % 55 °C
Operating altitude	2000 m
Ambient air temperature for operation	-5...70 °C
Ambient air temperature for storage	-40...100 °C