

DTMH180C

NHP DIN-T Miniature Circuit Breaker 10H 1Pole 80A C Curve



Component type	Miniature circuit breaker (MCB)
Range	DIN-T MCB
Model	N/A
Product status	New Item

NHP DIN-T miniature circuit breakers are high-performance electrical protection devices offering a comprehensive range of features to meet the needs of any project. These MCBs are available in a variety of short circuit ratings ranging from 6kA, 10kA and 15kA, with current ratings from 0.5A through to 125A in variety of B, C or D trip curves. These MCBs are available in 1P, 2P, 3P and 4P housings.

ELECTRICAL

Rated current	80.0 A
Number of poles (total)	1.0
Trip curve	C
Rated voltage	240.0 V
Frequency	50 - 60 Hz
Voltage type	AC/DC
Rated short-circuit breaking capacity Icu according to AS/NZS 60947-2 at 230 VAC	50.0 kA
Rated short-circuit breaking capacity Icu according to AS/NZS 60947-2 at 400 VAC	6.0 kA
Max. rated operation voltage Ue	400.0 V
Rated insulation voltage Ui	440.0 V
Rated impulse withstand voltage Uimp	8.0 kV

CONSTRUCTION

Number of protected poles	1.0
Degree of protection (IP)	IP40

MECHANICAL

Connectable conductor cross section solid-core	1 - 70 mm ²
Connectable conductor cross section multi-wired	1 - 50 mm ²

DIMENSIONS

Height	100.0 mm
Width	27.0 mm
Width in number of modular spacings	1.0
Depth	90.0 mm
Weight	0.74 kg

ENVIRONMENT

Pollution degree	3.0
Rated surrounding temperature without derating	30.0 °C
Ambient temperature during operating	-25 - 60 °C