

DTM10150C

NHP DIN-T Miniature Circuit Breaker MCB 10kA 1 Pole 50A 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 (MCB) are high-performance electrical protection devices offering a comprehensive range of features to meet the needs of any project. These MCBs are available in short circuit ratings of 6kA and 10kA 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	50 A
Number of poles (total)	1
Trip curve	C
Rated voltage	240 V
Frequency	50-60 Hz
Voltage type	DC
Service voltage U_b , AC	12 V
Service voltage U_b , DC	12 V
Nominal operating voltage U_n , DC	65 V
Rated short-circuit breaking capacity I_{cn} according to AS/NZS 60898 at 230 VAC	10 kA
Rated short-circuit breaking capacity I_{cn} according to AS/NZS 60898 at 400 VAC	10 kA
Rated short-circuit breaking capacity I_{cu} according to AS/NZS 60947-2 at 230 VAC	15 kA
Rated short-circuit breaking capacity I_{cu} according to AS/NZS 60947-2 at 400 VAC	15 kA
Max. rated operation voltage U_e	253 V
Rated insulation voltage U_i	440 V
Rated impulse withstand voltage U_{imp}	4 kV

CONSTRUCTION

Number of protected poles	1
IP rating	IP40

MECHANICAL

Connectable conductor cross section solid-core	0.75-35 mm ²
Connectable conductor cross section multi-wired	0.75-35 mm ²

DIMENSIONS

Height	85 mm
Width	17.5 mm
Depth	75 mm

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DIMENSIONS	Width in number of modular spacings	1
	Weight	0.12 kg
ENVIRONMENT	Pollution degree	3
	Rated surrounding temperature without derating	30 °C
	Rated temperature	-25...55 °C