

DTM6150C

NHP DIN-T Miniature Circuit Breaker MCB 6kA 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 Ub, AC	12 V
Service voltage Ub, DC	12 V
Nominal operating voltage Un, DC	65 V
Rated short-circuit breaking capacity Icn according to AS/NZS 60898 at 230 VAC	6 kA
Rated short-circuit breaking capacity Icn according to AS/NZS 60898 at 400 VAC	6 kA
Rated short-circuit breaking capacity Icu according to AS/NZS 60947-2 at 230 VAC	10 kA
Rated short-circuit breaking capacity Icu according to AS/NZS 60947-2 at 400 VAC	10 kA
Max. rated operation voltage Ue	253 V
Rated insulation voltage Ui	440 V
Rated impulse withstand voltage Uimp	4 kV

CONSTRUCTION

Number of protected poles	1
Degree of protection (IP)	IP40

MECHANICAL

Connectable conductor cross section solid-core	0.75-35 mm²
Connectable conductor cross section multi-wired	0.75-35 mm²

DIMENSIONS

Height	85 mm
Width	17.5 mm
Depth	75 mm

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DIN-T™
MINIATURE CIRCUIT BREAKERS

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