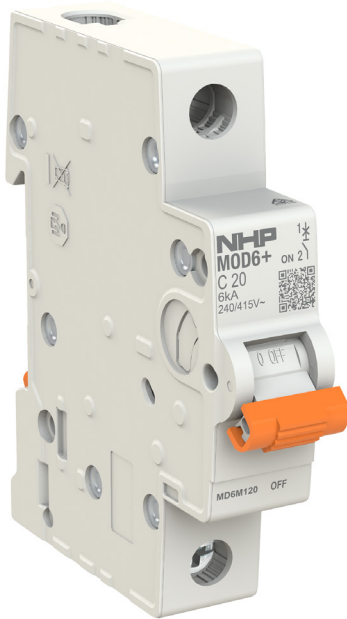


MD6M120

NHP MOD6+ Miniature Circuit Breaker MCB 6kA 1 Pole 20A C Curve



Component type	Miniature circuit breaker (MCB)
Range	MOD6+ Miniature Circuit Breakers
Model	N/A
Product status	New Item

NHP's MOD6+ Miniature Circuit Breakers (MCBs) offer cost effective solutions while providing core electrical protection, designed to detect and trip on overload and short circuit currents. These MCBs are available with a 6kA short circuit rating, with current ratings from 6-63A in 1P, 2P or 3P in C trip curve and 80-125A in 1P & 3P in C trip curve.

ELECTRICAL

Rated current	20 A
Number of poles (total)	1
Trip curve	C
Rated voltage	240 V
Frequency	50-60 Hz
Voltage type	AC
Service voltage U_b , AC	12 V
Rated short-circuit breaking capacity I_{cn} according to AS/NZS 60898 at 230 VAC	6 kA
Rated short-circuit breaking capacity I_{cn} according to AS/NZS 60898 at 400 VAC	6 kA
Max. rated operation voltage U_e	440 V
Rated insulation voltage U_i	440 V
Rated impulse withstand voltage U_{imp}	4 kV

CONSTRUCTION

Additional equipment possible	No
Number of protected poles	1
IP rating	IP40

MECHANICAL

Connectable conductor cross section solid-core	0.75-25 mm ²
Connectable conductor cross section multi-wired	0.75-16 mm ²

DIMENSIONS

Height	85 mm
Width	17.5 mm
Depth	75.8 mm
Width in number of modular spacings	1
Weight	0.12 kg

ENVIRONMENT

Pollution degree	3
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MD6M120

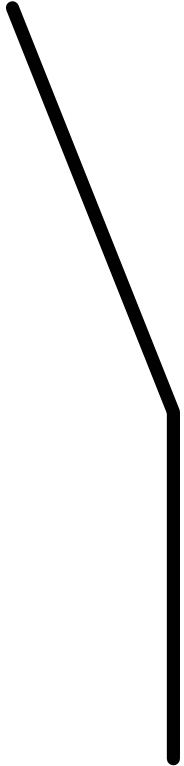
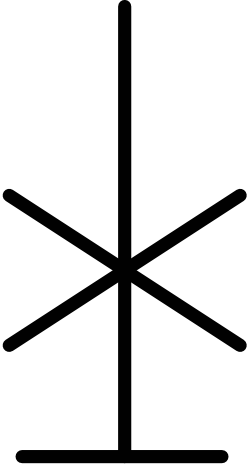
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ENVIRONMENT

Rated surrounding temperature without derating	30 °C
Rated temperature	-25...70 °C

CIRCUIT DIAGRAM



1P

MD6M120

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DIMENSIONAL DIAGRAM

