

MD6M250

NHP MOD6+ Miniature Circuit Breaker MCB 6kA 2 Pole 50A C Curve



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

NHP's MOD6+ range of miniature circuit breakers (MCB) offers 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	50 A
Number of poles (total)	2
Trip curve	C
Rated voltage	415 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	2
Degree of protection (IP)	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	35 mm
Depth	75.8 mm
Width in number of modular spacings	2
Weight	0.23 kg

ENVIRONMENT

Pollution degree	3
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MOD6+[™]
MINIATURE CIRCUIT BREAKERS

ENVIRONMENT

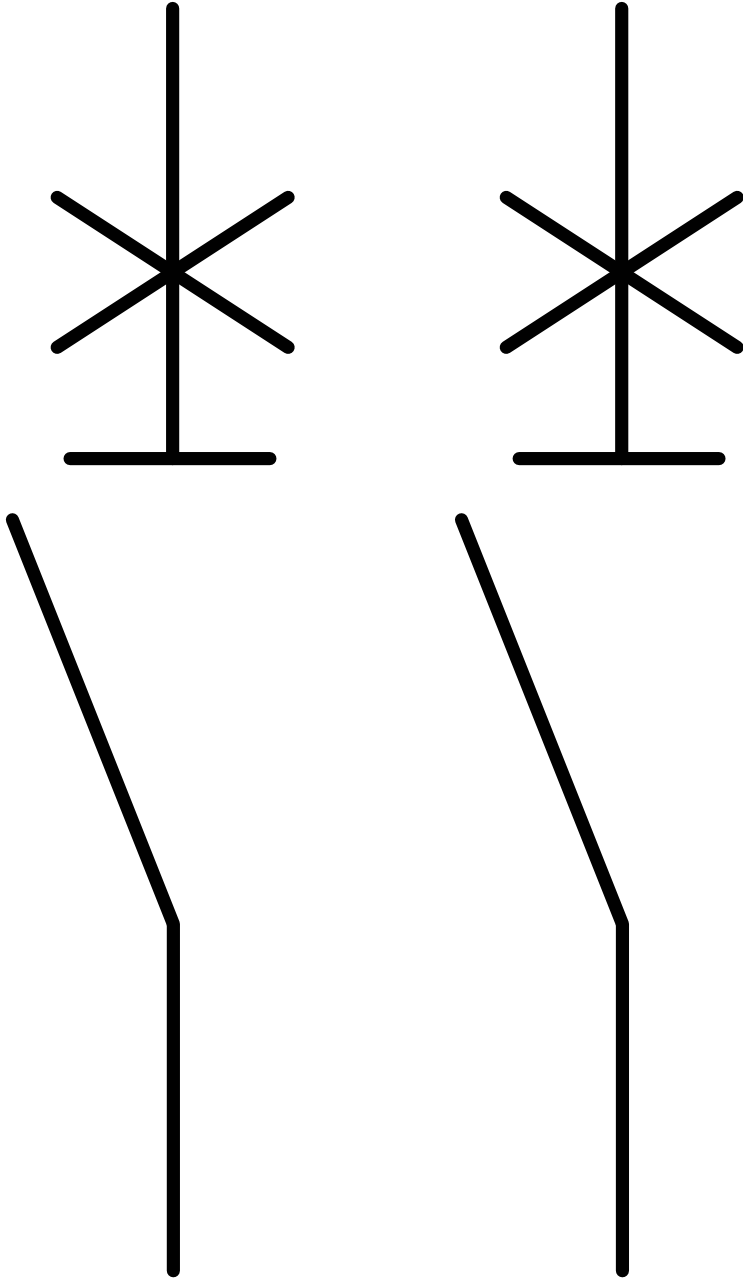
Rated surrounding temperature without derating

30 °C

Ambient temperature during operating

-25...70 °C

CIRCUIT DIAGRAM



2P

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DIMENSIONAL DIAGRAM

