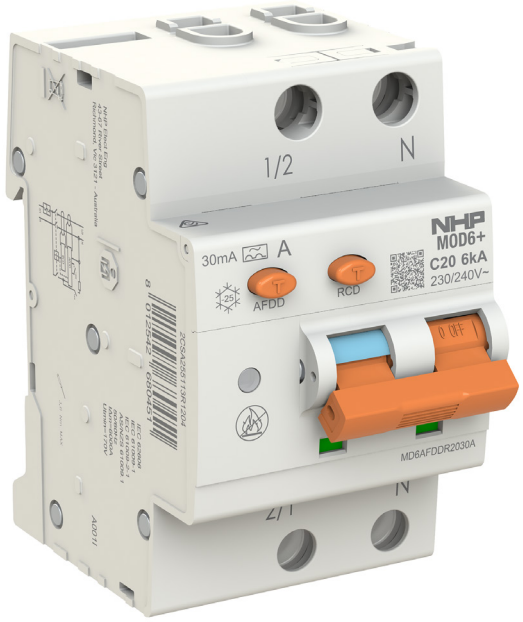
MD6AFDDR2030A

NHP MOD6+ Arc Fault Detection Device AFDD & RCBO 6kA 1 Pole and Switched N 20A C Curve 30mA Type A

MOD6+™
MINIATURE CIRCUIT BREAKERS



Component type	Earth leakage circuit breaker
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**	20 A
	Rated voltage	240 V
	Rated leakage current	30 mA
	Frequency	50/60 Hz
	Rated short-circuit breaking capacity according to AS/NZS 61009	6 kA
	Voltage type	AC
	Trip curve	C
	Rated impulse withstand voltage Uimp	4 kV
	Leakage current type	A
	Tripping time	300 ms
	Min. service voltage	170 V
	Max. operating voltage (Umax)	255 V
	Rated residual make/break capacity	6000 A
	Protected neutral pole	No
	Number of poles (total)	2
	Electrical life at Un, In (service cycles)	10000 cycles
	Type of electric connection	Fork and pin
	Isolator application	Yes
	Rated insulation voltage Ui	500 V
	Concurrently switching neutral conductor	Yes
CONSTRUCTION	**Mounting method**	DIN rail
	Degree of protection (IP)	IP40
	Number of protected poles	1
MECHANICAL	**Mechanical life (service cycles)**	20000 cycles
	Disconnection characteristic	Undelayed

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MECHANICAL	Connectable conductor cross section solid-core	1-25 mm²
	Connectable conductor cross section multi-wired	1-16 mm²
	Max. shock duration	13 ms
	Max. shock acceleration	25 g
DIMENSIONS	Depth	75 mm
	Height	85 mm
	Width	52.5 mm
	Weight	0.24 kg
	Width in number of modular spacings	3
ENVIRONMENT	Operating temperature	-25…55 °C
	Pollution degree	2

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