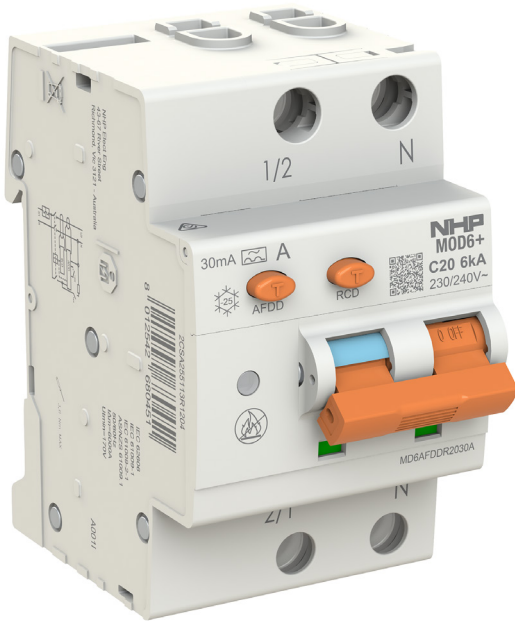


MD6AFDDR2030A

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



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 life (service cycles)	20000 cycles
Disconnection characteristic	Undelayed

MECHANICAL

MD6AFDDR2030A

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



MECHANICAL	Connectable conductor cross section solid-core	1-25 mm ²
	Connectable conductor cross section multi-wired	1-16 mm ²
	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