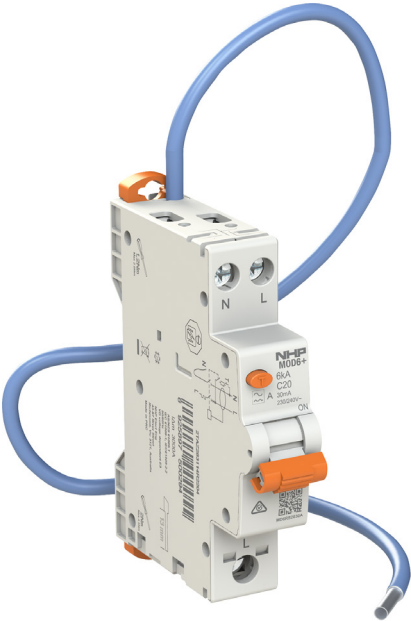


# MD6RS2030A

NHP MOD6+ RCBO 6kA 1 Pole and Switched N 20A C Curve  
30mA Type A (Pigtail)



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	160 V
Max. operating voltage (Umax)	264 V
Rated residual make/break capacity	3000 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

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**MOD6+**<sup>™</sup>  
RESIDUAL CURRENT DEVICES

## MECHANICAL

Connectable conductor cross section solid-core	1-25 mm <sup>2</sup>
Connectable conductor cross section multi-wired	1-16 mm <sup>2</sup>
Max. shock duration	5 ms
Max. shock acceleration	40 g
Max. vibration acceleration	1.5 m/s <sup>2</sup>
Max. vibration frequency, operational	80 Hz
Max. vibration duration	30 min

## DIMENSIONS

Depth	76 mm
Height	86 mm
Width	18 mm
Weight	0.17 kg
Width in number of modular spacings	1

## ENVIRONMENT

Operating temperature	-25...55 °C
Pollution degree	2