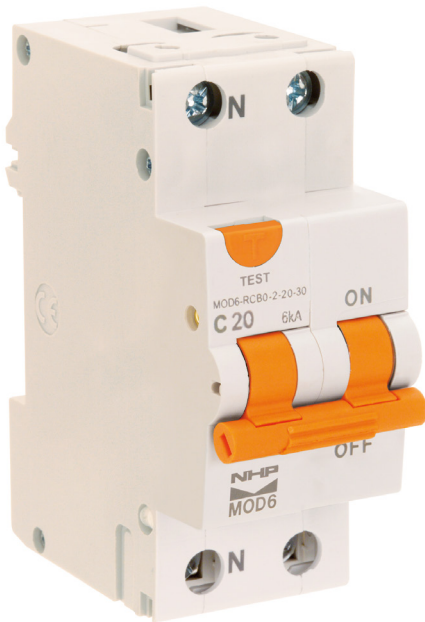


# MOD6RCBO22030

NHP MOD6 Residual Current Device - Short body w/  
Overcurrent 6kA 20A 1PN C Curve 30mA Type AC 36mm



**MOD6**  
RESIDUAL CURRENT DEVICES



<b>Component type</b>	Earth leakage circuit breaker
<b>Range</b>	MOD6 RCD
<b>Model</b>	N/A
<b>Alternative</b>	MOD6RCBO22030A

NHP MOD6 residual current devices (RCDs) offer a 6kA rating with a proven history in domestic and commercial applications. The MOD6 RCD range offers many solutions for both 1 phase in 10mA and 30mA sensitivities as well as 3 phase in 30mA sensitivities. The MOD6 RCDs can be easily installed into NHP loadcentres, as well as Concept One distribution panelboards.

## ELECTRICAL

Rated current	20.0 A
Rated voltage	240.0 V
Rated leakage current	30.0 mA
Frequency	50/60 Hz
Rated short-circuit breaking capacity according to AS/NZS 61009	6.0 kA
Voltage type	AC
Trip curve	C
Rated impulse withstand voltage Uimp	6.0 kV
Leakage current type	AC
Tripping time	40.0 ms
Service voltage (Min)	176.0 V
Max. operating voltage (Umax)	255.0 V
Rated residual make/break capacity	6000.0 A
Protected neutral pole	No
Number of poles (total)	2.0
Electrical life at Un, In (service cycles)	10000.0 cycles
Type of electric connection	Fork and pin
Isolator application	Yes
Rated insulation voltage Ui	440.0 V
Concurrently switching neutral conductor	Yes

## CONSTRUCTION

Mounting method	DIN rail (top hat rail) 35 mm
Degree of protection (IP)	IP20
Number of protected poles	1.0

## MECHANICAL

Mechanical life (service cycles)	20000.0 cycles
Shock duration (Max)	5.0 ms
Shock acceleration (Max)	40.0 g

# MOD6RCBO22030

NHP MOD6 Residual Current Device - Short body w/  
Overcurrent 6kA 20A 1PN C Curve 30mA Type AC 36mm



**MOD6**  
RESIDUAL CURRENT DEVICES

MECHANICAL	Vibration acceleration (Max)	1.5 m/s <sup>2</sup>
DIMENSIONS	Depth	76.0 mm
	Height	86.0 mm
	Width	36.0 mm
	Weight	0.25 kg
	ENVIRONMENT	Operating temperature
	Pollution degree	3.0

## DIMENSIONAL DIAGRAM

