

# MD6RC46330AI

NHP MOD6+ Residual Current Device RCCB 3 Pole and Switched N 63A 30mA Type AI



<b>Component type</b>	Residual current circuit breaker (RCCB)
<b>Range</b>	MOD6+ Residual Current Devices
<b>Model</b>	N/A
<b>Product status</b>	New Item

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 loadcenters, as well as MOD6+ RCBOs into MOD6+ distribution Panelboards.

## ELECTRICAL

<b>Number of poles</b>	4
<b>Voltage type</b>	AC
<b>Frequency</b>	50/60 Hz
<b>Rated current</b>	63 A
<b>Leakage current type</b>	Other
<b>Rated leakage current</b>	30 mA
<b>Concurrently switching neutral conductor</b>	Yes
<b>Min. service voltage</b>	230 V
<b>Max. rated operation voltage Ue AC</b>	456 V
<b>Rated insulation voltage Ui</b>	500 V
<b>Rated impulse withstand voltage Uimp</b>	4 kV
<b>Rated fault current</b>	6000 A
<b>Selective protection</b>	No
<b>Short-time delayed tripping</b>	No
<b>Electrical life at Un, In (service cycles)</b>	10000 cycles
<b>Rated voltage</b>	415 V
<b>Surge current capacity</b>	3 kA

## CONSTRUCTION

<b>Mounting method</b>	DIN rail
<b>Degree of protection (IP)</b>	IP40

## MECHANICAL

<b>Connectable conductor cross section solid-core</b>	1-25 mm <sup>2</sup>
<b>Mechanical life (service cycles)</b>	20000 cycles
<b>Connectable conductor cross section multi-wired</b>	1-16 mm <sup>2</sup>

## DIMENSIONS

<b>Height</b>	88 mm
<b>Width</b>	70 mm
<b>Depth</b>	75 mm

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<b>DIMENSIONS</b>	Weight	0.36 kg
	Width in number of modular spacings	4
<b>ENVIRONMENT</b>	Operating temperature	-5...70 °C
	Ambient temperature during operating	-5...70 °C
	Storage temperature	-40...70 °C
	Pollution degree	2