

# DTRL1030A

NHP DIN-T Residual Current Breaker RCBO 10kA 1 Pole and Neutral 10A C Curve 30mA Type A (Longbody)



<b>Component type</b>	Earth leakage circuit breaker
<b>Range</b>	DIN-T RCD
<b>Model</b>	N/A
<b>Product status</b>	New Item

NHP's DIN-T range of residual current devices (RCDs) are a high-performance electrical safety solution designed for commercial, industrial and mining applications. These RCDs offer a high level of selectivity, with sensitivities including 10mA, 30mA, 100mA and 300mA, and types starting at Type A for general purpose applications through to Type F and B for more complex loads.

## ELECTRICAL

Rated current	10 A
Rated voltage	240 V
Rated leakage current	30 mA
Frequency	50/60 Hz
Rated short-circuit breaking capacity according to AS/NZS 61009	10 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	184 V
Max. operating voltage (Umax)	264 V
Rated residual make/break capacity	10000 A
Protected neutral pole	No
Number of poles (total)	2
Electrical life at Un, In (service cycles)	10000 cycles
Type of electric connection	Pin
Isolator application	Yes
Rated insulation voltage Ui	500 V
Concurrently switching neutral conductor	No

## CONSTRUCTION

Mounting method	DIN rail
IP rating	IP40
Number of protected poles	1
Mechanical life (service cycles)	20000 cycles
Disconnection characteristic	Undelayed

## MECHANICAL

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<b>MECHANICAL</b>	Connectable conductor cross section solid-core	1-35 mm <sup>2</sup>
	Connectable conductor cross section multi-wired	1-25 mm <sup>2</sup>
	Max. shock duration	13 ms
	Max. shock acceleration	30 g
<b>DIMENSIONS</b>	Depth	75.8 mm
	Height	117 mm
	Width	17.5 mm
	Weight	0.2 kg
	Width in number of modular spacings	1
<b>ENVIRONMENT</b>	Operating temperature	-25...55 °C