

DTRTNN2530A

NHP DIN-T Residual Current Breaker RCBO 10kA 3 Pole 25A C
Curve 30mA Type A (Longbody)



Component type	Earth leakage circuit breaker
Range	DIN-T RCD
Model	N/A
Product status	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 sensitives 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	25 A
Rated voltage	415 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	206 V
Max. operating voltage (Umax)	457 V
Rated residual make/break capacity	6000 A
Protected neutral pole	No
Number of poles (total)	3
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	No

CONSTRUCTION

Mounting method	DIN rail
Degree of protection (IP)	IP40
Number of protected poles	3
Mechanical life (service cycles)	20000 cycles
Disconnection characteristic	Undelayed

MECHANICAL

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MECHANICAL	Connectable conductor cross section solid-core	1-25 mm ²
	Connectable conductor cross section multi-wired	1-16 mm ²
DIMENSIONS	Depth	77.1 mm
	Height	117.5 mm
	Width	54 mm
	Weight	0.49 kg
	Width in number of modular spacings	3
ENVIRONMENT	Operating temperature	-5...55 °C
	Pollution degree	2
	Ambient temperature during operating	-5...55 °C