

DSRCBH1630AD

NHP DIN-T Residual Current Device Long Body w/ Overcurrent
10kA 16A 1Pole and N D Curve 30mA Type A



DIN-T
RESIDUAL CURRENT DEVICES



Component type	Earth leakage circuit breaker
Range	DIN-T RCD
Model	N/A
Product status	Existing

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	16.0 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	10.0 kA
Voltage type	AC
Trip curve	D
Rated impulse withstand voltage Uimp	6.0 kV
Leakage current type	A
Tripping time	40.0 ms
Service voltage (Min)	195.0 V
Max. operating voltage (Umax)	265.0 V
Rated residual make/break capacity	10000.0 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	500.0 V
Concurrently switching neutral conductor	No

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

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MECHANICAL	Vibration acceleration (Max)	2.0 m/s ²
	Vibration frequency, operational (Max)	80.0 Hz
	Vibration duration (Max)	30.0 min
DIMENSIONS	Depth	76.0 mm
	Height	125.0 mm
	Width	18.0 mm
	Weight	0.35 kg
ENVIRONMENT	Operating temperature	-5 - 55 °C

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DIMENSIONAL DIAGRAM

