

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

