# DTRCD46330A

**NHP DIN-T Residual Current Device RCCB 3 Pole and Switched Neutral 63A 30mA Type A**

DIN-T™
RESIDUAL CURRENT DEVICES

| | |
|---|---|
| **Component type** | Residual current circuit breaker (RCCB) |
| **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** | Number of poles | 4 |
| | Voltage type | AC |
| | Frequency | 50/60 Hz |
| | Rated current | 63 A |
| | Leakage current type | A |
| | Rated leakage current | 30 mA |
| | Concurrently switching neutral conductor | Yes |
| | Min. service voltage | 230 V |
| | Max. rated operation voltage Ue AC | 456 V |
| | Rated insulation voltage Ui | 500 V |
| | Rated impulse withstand voltage Uimp | 4 kV |
| | Rated fault current | 10000 A |
| | Selective protection | No |
| | Short-time delayed tripping | No |
| | Electrical life at Un, In (service cycles) | 10000 cycles |
| | Rated voltage | 415 V |
| | Surge current capacity | 0.25 kA |
| **CONSTRUCTION** | Mounting method | DIN rail |
| | IP rating | IP40 |
| | Additional equipment possible | Yes |
| **MECHANICAL** | Connectable conductor cross section solid-core | 1-25 mm² |
| | Mechanical life (service cycles) | 20000 cycles |
| | Connectable conductor cross section multi-wired | 1-16 mm² |
| **DIMENSIONS** | Height | 85 mm |
| | Width | 70 mm |

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| | | |
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| **DIMENSIONS** | Depth | 75 mm |
| | Weight | 0.38 kg |
| | Width in number of modular spacings | 4 |
| **ENVIRONMENT** | Operating temperature | 70 °C |
| | Rated temperature | -25…70 °C |
| | Storage temperature | 70 °C |
| | Pollution degree | 2 |

## RELATED PRODUCTS

### ACCESSORY

**Item No:** DTAAXAL
**Required:** No
**Description:** NHP DIN-T Accessory Auxiliary/ Alarm 1 Changeover Contact suits DIN-T DTM and DTR

**Item No:** DTALDC
**Required:** No
**Description:** NHP DIN-T Lock Toggle Device 1P/2P MCB

**Item No:** DTASHT110415V
**Required:** No
**Description:** NHP DIN-T Accessory Shunt Trip 110-415 V AC/DC suits DIN-T DTM and DTR

**Item No:** DTASHT12110V
**Required:** No
**Description:** NHP DIN-T Accessory Shunt Trip 12-110 V AC/DC suits DIN-T DTM and DTR

**Item No:** DTAUVT240V
**Required:** No
**Description:** NHP DIN-T Accessory Undervoltage Trip 240 V AC/DC suits DIN-T DTM and DTR

**Item No:** DTAUVT24V
**Required:** No
**Description:** NHP DIN-T Accessory Undervoltage Trip 24 V AC/DC suits DIN-T DTM and DTR

**Item No:** DTLD
**Required:** No
**Description:** NHP DIN-T LOCKDIN Locking Device Removable Individual Piece 8mm

**Item No:** DTPF12
**Required:** No
**Description:** NHP DIN-T Accessory Pole Filler 12Pole Strip 216mm equals 24 x 9mm Segments

**Item No:** DTT9025PN
**Required:** No
**Description:** NHP DIN-T Miniature Circuit Breaker Terminal Insulated 90 Degrees 25mm Pin

**Item No:** DTTAX16PN3
**Required:** No
**Description:** NHP DIN-T Miniature Circuit Breaker Terminal 3 Neutral Link suit RCCB

**Item No:** DTTAX25PN
**Required:** No
**Description:** NHP DIN-T Accessory Terminal Axial Pin 25mm

**Item No:** DTTAX25SP
**Required:** No
**Description:** NHP DIN-T Accessory Terminal Axial Spade 25mm

**Item No:** DTTAX50PN
**Required:** No
**Description:** NHP DIN-T Accessory Terminal Axial Pin 50mm

**Item No:** DTTLT25PN2
**Required:** No
**Description:** NHP DIN-T Miniature Circuit Breaker Terminal Axial Pin 25mm Long Insulated

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## RELATED PRODUCTS

### ACCESSORY

**Item No:** DTTLT35LPN

**Required:** No

**Description:** NHP DIN-T Accessory Terminal Lateral Pin 35mm Long

**Item No:** DTTLT35PN

**Required:** No

**Description:** NHP DIN-T Accessory Terminal Lateral Pin 35mm Short

**Item No:** ICLTOC

**Required:** No

**Description:** NHP DIN-T Miniature Circuit Breaker Busbar Comb Tee Off Cap Strip of 5