

# DTRTN63300AD

NHP DIN-T Residual Current Breaker RCBO 10kA 3 Pole and Switched Neutral 63A D Curve 300mA Type A



|                |                               |
|----------------|-------------------------------|
| 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 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                                                   | 63 A         |
| Rated voltage                                                   | 415 V        |
| Rated leakage current                                           | 300 mA       |
| Frequency                                                       | 50/60 Hz     |
| Rated short-circuit breaking capacity according to AS/NZS 61009 | 10 kA        |
| Voltage type                                                    | AC           |
| Trip curve                                                      | D            |
| Rated impulse withstand voltage Uimp                            | 4 kV         |
| Leakage current type                                            | A            |
| Tripping time                                                   | 300 ms       |
| Min. service voltage                                            | 207 V        |
| Max. operating voltage (Umax)                                   | 457 V        |
| Rated residual make/break capacity                              | 6000 A       |
| Protected neutral pole                                          | No           |
| Number of poles (total)                                         | 4            |
| 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                        | Yes          |

## CONSTRUCTION

|                           |          |
|---------------------------|----------|
| Mounting method           | DIN rail |
| IP rating                 | IP40     |
| Number of protected poles | 3        |

## MECHANICAL

|                                  |              |
|----------------------------------|--------------|
| Mechanical life (service cycles) | 20000 cycles |
| Disconnection characteristic     | Undelayed    |

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**DIN-T™**  
RESIDUAL CURRENT DEVICES

|                    |                                                 |                      |
|--------------------|-------------------------------------------------|----------------------|
| <b>MECHANICAL</b>  | Connectable conductor cross section solid-core  | 1-25 mm <sup>2</sup> |
|                    | Connectable conductor cross section multi-wired | 1-16 mm <sup>2</sup> |
| <b>DIMENSIONS</b>  | Depth                                           | 77.1 mm              |
|                    | Height                                          | 117.5 mm             |
|                    | Width                                           | 72 mm                |
|                    | Weight                                          | 0.64 kg              |
|                    | Width in number of modular spacings             | 4                    |
| <b>ENVIRONMENT</b> | Operating temperature                           | -5...55 °C           |
|                    | Pollution degree                                | 2                    |
|                    | Rated temperature                               | -5...55 °C           |

## RELATED PRODUCTS

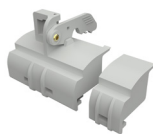
### ACCESSORY



**Item No:** DCLD6

**Required:** No

**Description:** NHP DIN-T Accessory Locking Device Captive 6.5mm



**Item No:** DTALDTRT

**Required:** No

**Description:** NHP DIN-T LOCKDIN RCBO Kit for DTRT, DTRTN, DTRTNN 3P, 3P+N



**Item No:** DTALPF

**Required:** No

**Description:** NHP DIN-T Accessory Pole Filler to suit 63mm 3P Strip 54mm 6x9mm Segments



**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:** 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



**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

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## RELATED PRODUCTS

### ACCESSORY



**Item No:** ICL123

**Required:** No

**Description:** NHP DIN-T Miniature Circuit Breaker Busbar Comb 12 Way 3Pole Pin Type 80A End Feed 130A Centre Feed

**Item No:** ICL153

**Required:** No

**Description:** NHP DIN-T Miniature Circuit Breaker Busbar Comb 15 Way 3Pole Pin Type 80A End Feed 130A Centre Feed

**Item No:** ICL183

**Required:** No

**Description:** NHP DIN-T Miniature Circuit Breaker Busbar Comb 18 Way 3Pole Pin Type 80A End Feed 130A Centre Feed

**Item No:** ICL213

**Required:** No

**Description:** NHP DIN-T Miniature Circuit Breaker Busbar Comb 21 Way 3Pole Pin Type 80A End Feed 130A Centre Feed



**Item No:** ICL573

**Required:** No

**Description:** NHP DIN-T Miniature Circuit Breaker Busbar Comb 57 Way 3Pole Pin Type 80A End Feed 130A Centre Feed

**Item No:** ICL573F

**Required:** No

**Description:** NHP DIN-T Miniature Circuit Breaker Bus Comb 57 Way 3Pole Fork Type 120A End Feed 130A Centre Feed

**Item No:** ICLEC23

**Required:** No

**Description:** NHP DIN-T Miniature Circuit Breaker Busbar Comb Endcap for 2 and 3Pole ICL and 3 Auxiliary

**Item No:** ICLTOC

**Required:** No

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

