

# DTM10440D

NHP DIN-T Miniature Circuit Breaker MCB 10kA 4 Pole 40A D Curve



|                |                                 |
|----------------|---------------------------------|
| Component type | Miniature circuit breaker (MCB) |
| Range          | DIN-T MCB                       |
| Model          | N/A                             |
| Product status | New Item                        |

NHP DIN-T Miniature Circuit Breakers (MCBs) are high-performance electrical protection devices offering a comprehensive range of features to meet the needs of any project. These MCBs are available in short circuit ratings of 6kA and 10kA with current ratings from 0.5A through to 125A in variety of B, C or D trip curves. These MCBs are available in 1P, 2P, 3P and 4P housings.

## ELECTRICAL

|                                                                                       |          |
|---------------------------------------------------------------------------------------|----------|
| Rated current                                                                         | 40 A     |
| Number of poles (total)                                                               | 4        |
| Trip curve                                                                            | D        |
| Rated voltage                                                                         | 415 V    |
| Frequency                                                                             | 50-60 Hz |
| Voltage type                                                                          | AC/DC    |
| Service voltage $U_b$ , AC                                                            | 12 V     |
| Service voltage $U_b$ , DC                                                            | 12 V     |
| Nominal operating voltage $U_n$ , DC                                                  | 125 V    |
| Rated short-circuit breaking capacity $I_{cn}$ according to AS/NZS 60898 at 230 VAC   | 10 kA    |
| Rated short-circuit breaking capacity $I_{cn}$ according to AS/NZS 60898 at 400 VAC   | 10 kA    |
| Rated short-circuit breaking capacity $I_{cu}$ according to AS/NZS 60947-2 at 230 VAC | 15 kA    |
| Rated short-circuit breaking capacity $I_{cu}$ according to AS/NZS 60947-2 at 400 VAC | 15 kA    |
| Max. rated operation voltage $U_e$                                                    | 440 V    |
| Rated insulation voltage $U_i$                                                        | 440 V    |
| Rated impulse withstand voltage $U_{imp}$                                             | 4 kV     |
| Concurrently switching neutral conductor                                              | Yes      |

## CONSTRUCTION

|                           |      |
|---------------------------|------|
| Number of protected poles | 4    |
| IP rating                 | IP40 |

## MECHANICAL

|                                                 |                         |
|-------------------------------------------------|-------------------------|
| Connectable conductor cross section solid-core  | 0.75-35 mm <sup>2</sup> |
| Connectable conductor cross section multi-wired | 0.75-35 mm <sup>2</sup> |

## DIMENSIONS

|        |       |
|--------|-------|
| Height | 85 mm |
| Width  | 70 mm |

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**DIN-T™**  
MINIATURE CIRCUIT BREAKERS

## DIMENSIONS

|                                                |             |
|------------------------------------------------|-------------|
| Depth                                          | 75 mm       |
| Width in number of modular spacings            | 4           |
| Weight                                         | 0.46 kg     |
| Pollution degree                               | 3           |
| Rated surrounding temperature without derating | 30 °C       |
| Rated temperature                              | -25...55 °C |

## ENVIRONMENT

## RELATED PRODUCTS

### ACCESSORY



**Item No:** DTAAXAL

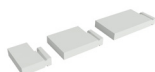
**Required:** No

**Description:** NHP DIN-T Accessory Auxiliary/ Alarm 1 Changeover Contact suits DIN-T DTM and DTR

**Item No:** DTALBAX

**Required:** No

**Description:** NHP DIN-T LOCKDIN Auxiliary Filler 9mm, 18mm, 27mm Pack Qty 10 each



**Item No:** DTALBPK

**Required:** No

**Description:** NHP DIN-T LOCKDIN Blank Module DTM6, 10, DC, 6RL & RL Pack Qty 10



**Item No:** DTALDT

**Required:** No

**Description:** NHP DIN-T LOCKDIN MCB/ RCBO LH DTM6, 10, DC, 6RL & RL



**Item No:** DTALDTPK

**Required:** No

**Description:** NHP DIN-T LOCKDIN MCB/ RCBO LH DTM6, 10, DC, 6RL & RL Pack Qty 10



**Item No:** DTALDTRH

**Required:** No

**Description:** NHP DIN-T LOCKDIN MCB/ RCBO RH DTM6, 10, DC, 6RL & RL



**Item No:** DTALDTRHPK

**Required:** No

**Description:** NHP DIN-T LOCKDIN MCB/ RCBO RH DTM6, 10, DC, 6RL & RL Pack Qty 10



**Item No:** DTALPF

**Required:** No

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



**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

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**DIN-T™**  
MINIATURE CIRCUIT BREAKERS

## RELATED PRODUCTS

### ACCESSORY



**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



**Item No:** ICL564

**Required:** No

**Description:** NHP DIN-T Miniature Circuit Breaker Busbar Comb 56 Way 4Pole Pin Type 80A End Feed 130A Centre Feed



**Item No:** ICLEC4

**Required:** No

**Description:** NHP DIN-T Miniature Circuit Breaker Busbar Comb Endcap 4 Phase ICL



**Item No:** ICLTOC

**Required:** No

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