

DTM6310D

NHP DIN-T Miniature Circuit Breaker MCB 6kA 3 Pole 10A 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 | 10 A |
| Number of poles (total) | 3 |
| 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 | 6 kA |
| Rated short-circuit breaking capacity I_{cn} according to AS/NZS 60898 at 400 VAC | 6 kA |
| Rated short-circuit breaking capacity I_{cu} according to AS/NZS 60947-2 at 230 VAC | 10 kA |
| Rated short-circuit breaking capacity I_{cu} according to AS/NZS 60947-2 at 400 VAC | 10 kA |
| Max. rated operation voltage U_e | 440 V |
| Rated insulation voltage U_i | 440 V |
| Rated impulse withstand voltage U_{imp} | 4 kV |

CONSTRUCTION

| | |
|---------------------------|------|
| Number of protected poles | 3 |
| IP rating | IP40 |

MECHANICAL

| | |
|---|-------------------------|
| Connectable conductor cross section solid-core | 0.75-35 mm ² |
| Connectable conductor cross section multi-wired | 0.75-35 mm ² |

DIMENSIONS

| | |
|--------|---------|
| Height | 85 mm |
| Width | 52.5 mm |
| Depth | 75 mm |

DTM6310D

NHP DIN-T Miniature Circuit Breaker MCB 6kA 3 Pole 10A D Curve



| | | |
|--------------------|--|-------------|
| DIMENSIONS | Width in number of modular spacings | 3 |
| | Weight | 345 kg |
| ENVIRONMENT | Pollution degree | 3 |
| | Rated surrounding temperature without derating | 30 °C |
| | Rated temperature | -25...70 °C |

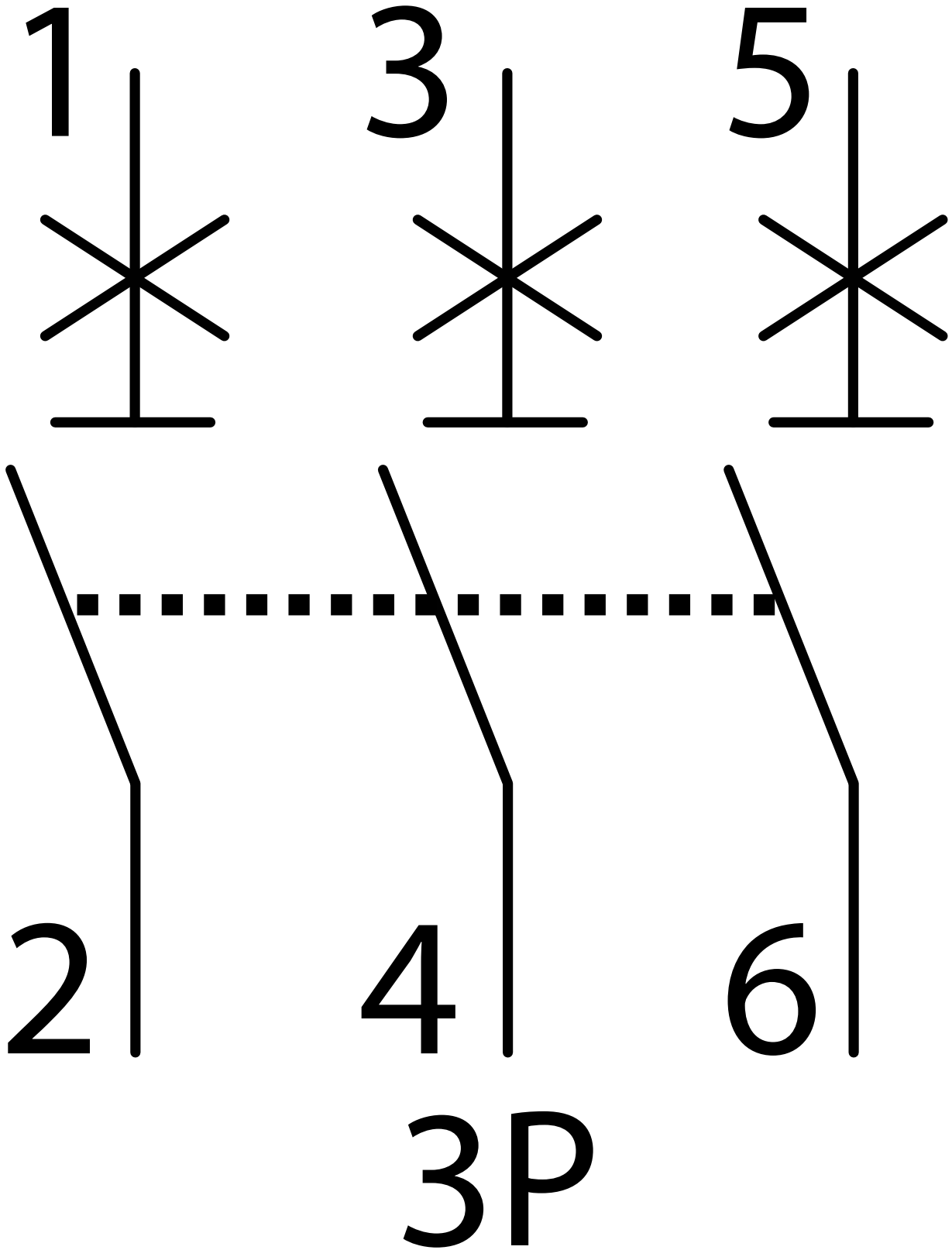
DTM6310D

NHP DIN-T Miniature Circuit Breaker MCB 6kA 3 Pole 10A D Curve



DIN-T™
MINIATURE CIRCUIT BREAKERS

CIRCUIT DIAGRAM

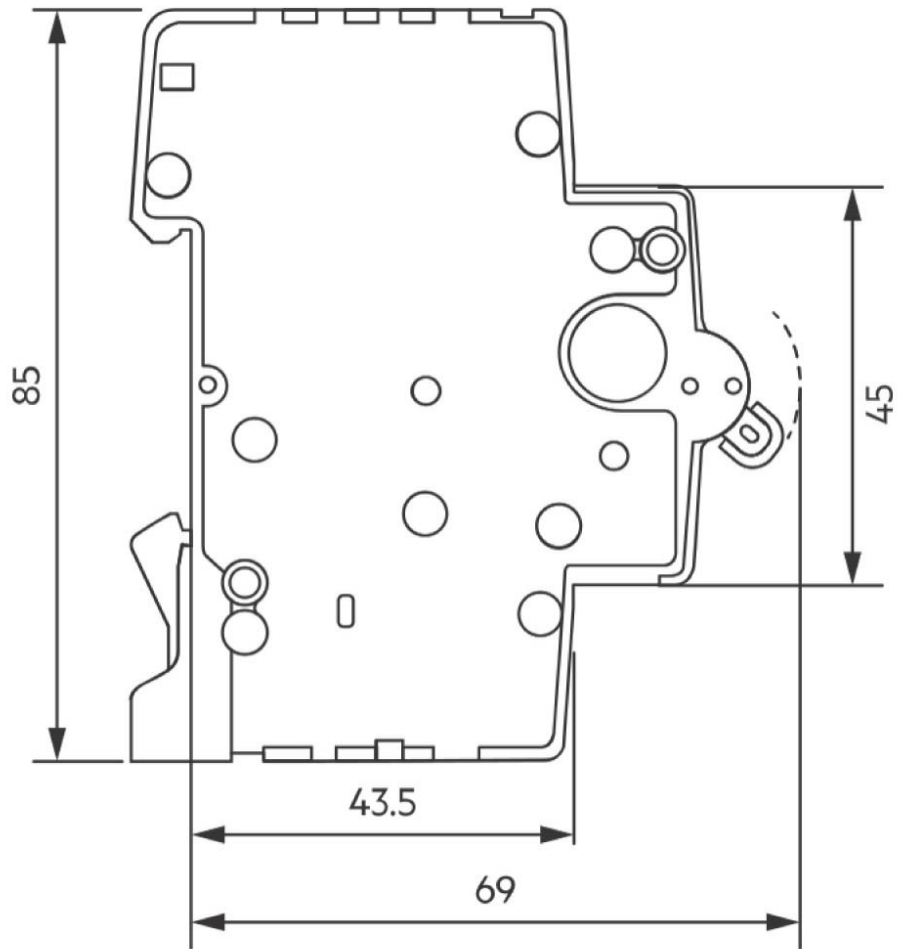
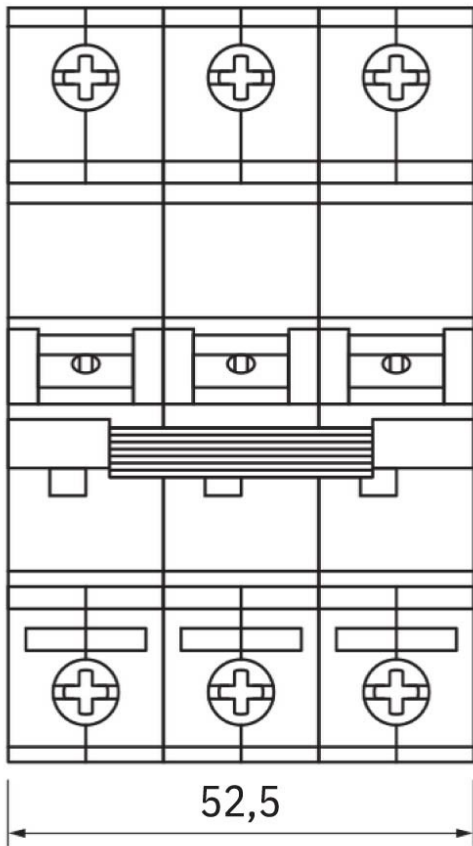


DTM6310D

NHP DIN-T Miniature Circuit Breaker MCB 6kA 3 Pole 10A D Curve



DIMENSIONAL DIAGRAM



RELATED PRODUCTS

ACCESSORY



Item No: DTAAXAL

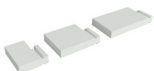
Required: No

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

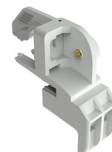
Required: No

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



DTM6310D

NHP DIN-T Miniature Circuit Breaker MCB 6kA 3 Pole 10A D Curve



RELATED PRODUCTS

ACCESSORY



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



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: DTTTLT25PN2

Required: No

Description: NHP DIN-T Miniature Circuit Breaker Terminal Axial Pin 25mm Long Insulated



Item No: DTTTLT35LPN

Required: No

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



Item No: DTTTLT35PN

Required: No

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



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

DTM6310D

NHP DIN-T Miniature Circuit Breaker MCB 6kA 3 Pole 10A D Curve



RELATED PRODUCTS

ACCESSORY



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

