

DTM10250C

NHP DIN-T Miniature Circuit Breaker MCB 10kA 2 Pole 50A C 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	50 A
Number of poles (total)	2
Trip curve	C
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	2
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	35 mm

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DIN-T™
MINIATURE CIRCUIT BREAKERS

DIMENSIONS

Depth	75 mm
Width in number of modular spacings	2
Weight	0.23 kg
Pollution degree	3
Rated surrounding temperature without derating	30 °C
Rated temperature	-25...55 °C

ENVIRONMENT

RELATED PRODUCTS

ACCESSORY



Item No: DTAAXAL

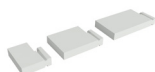
Required: No

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: DTALDC

Required: No

Description: NHP DIN-T Lock Toggle Device 1P/2P MCB



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

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DIN-T™
MINIATURE CIRCUIT BREAKERS

RELATED PRODUCTS

ACCESSORY



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

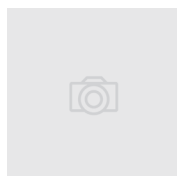
Description: NHP DIN-T Accessory Terminal Axial Pin 25mm



Item No: DTTTLT35PN

Required: No

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



Item No: ICL102

Required: No

Description: NHP DIN-T Miniature Circuit Breaker Bus Comb 10 Way 1Pole N Pin Type 80A End Feed 130A Centre Feed



Item No: ICL562

Required: No

Description: NHP DIN-T Miniature Circuit Breaker Bus Comb 56 Way 1Pole N Pin Type 80A End Feed 130A Centre Feed



Item No: ICL62

Required: No

Description: NHP DIN-T Miniature Circuit Breaker Bus Comb 06 Way 1Pole N Pin Type 80A 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: ICLT0C

Required: No

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



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