DTMDC250C

NHP DIN-T Miniature Circuit Breaker MCB DC 10kA 2 Pole 50A C Curve

DIN-T™
MINIATURE CIRCUIT BREAKERS



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

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	440 V
	Frequency	50-60 Hz
	Voltage type	AC/DC
	Service voltage Ub, AC	12 V
	Service voltage Ub, DC	12 V
	Nominal operating voltage Un, AC	415 V
	Nominal operating voltage Un, DC	440 V
	Rated short-circuit breaking capacity Icn according to AS/NZS 60898 at 230 VAC	10 kA
	Rated short-circuit breaking capacity Icn according to AS/NZS 60898 at 400 VAC	10 kA
	Rated short-circuit breaking capacity Icu according to AS/NZS 60947-2 at 230 VAC	10 kA
	Rated short-circuit breaking capacity Icu according to AS/NZS 60947-2 at 400 VAC	6 kA
	Max. rated operation voltage Ue	500 V
	Rated insulation voltage Ui	440 V
	Rated impulse withstand voltage Uimp	4 kV
	Concurrently switching neutral conductor	Yes
CONSTRUCTION	Additional equipment possible	Yes
	Number of protected poles	2
	IP rating	IP40
MECHANICAL	Connectable conductor cross section solid-core	0.75-35 mm²
	Connectable conductor cross section multi-wired	0.75-25 mm²

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DIMENSIONS	Height	85 mm
	Width	35 mm
	Depth	75.8 mm
	Width in number of modular spacings	2
	Weight	0.2 kg
ENVIRONMENT	Pollution degree	3
	Rated surrounding temperature without derating	30 °C
	Rated temperature	-25…70 °C

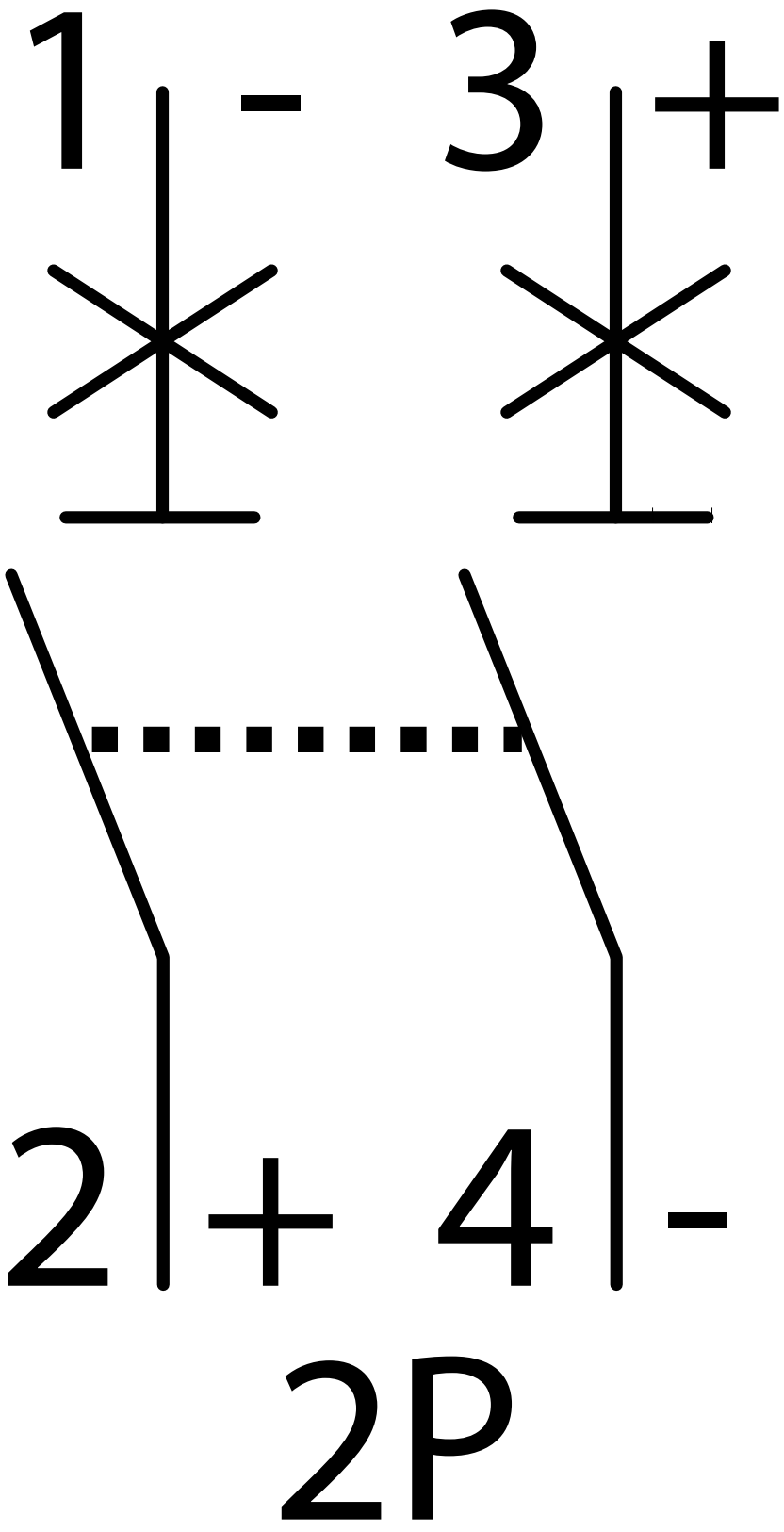
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CIRCUIT DIAGRAM



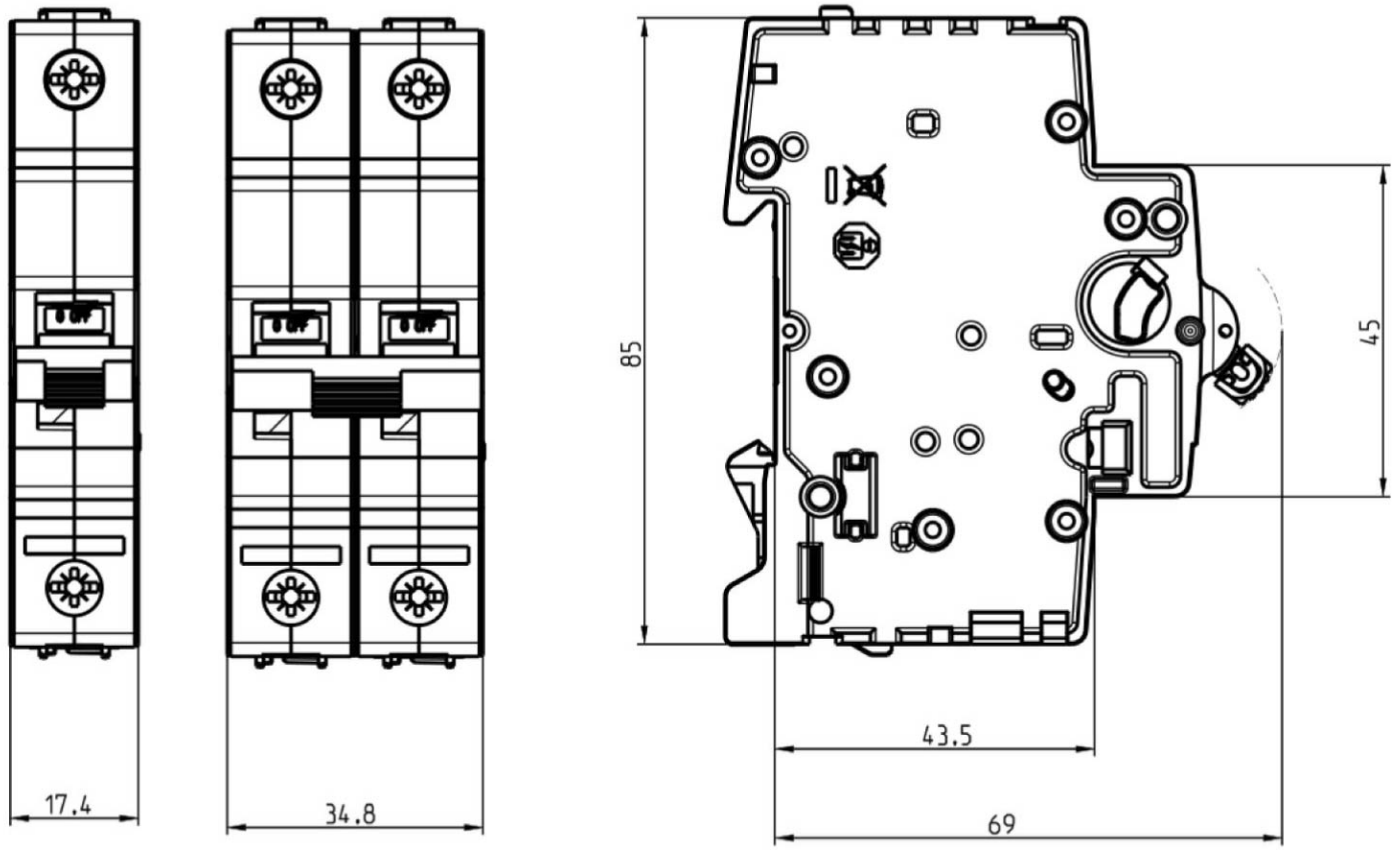
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DIMENSIONAL DIAGRAM



RELATED PRODUCTS

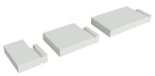
ACCESSORY



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 Auxliary 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

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RELATED PRODUCTS

ACCESSORY



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



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: 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: ICLTOC

Required: No

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