DTMDC150C

NHP DIN-T Miniature Circuit Breaker MCB DC 10kA 1 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)	1
	Trip curve	C
	Rated voltage	220 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	240 V
	Nominal operating voltage Un, DC	220 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	250 V
	Rated insulation voltage Ui	440 V
	Rated impulse withstand voltage Uimp	4 kV
CONSTRUCTION	Additional equipment possible	Yes
	Number of protected poles	1
	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	17.5 mm
	Depth	75.8 mm
	Width in number of modular spacings	1
	Weight	0.2 kg
ENVIRONMENT	Pollution degree	3
	Rated surrounding temperature without derating	30 °C
	Rated temperature	-25…70 °C

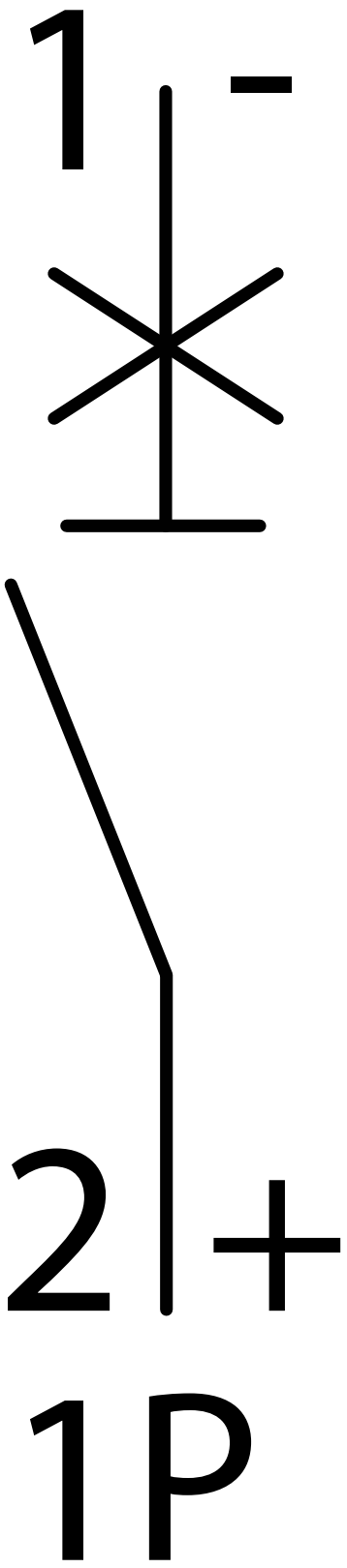
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CIRCUIT DIAGRAM



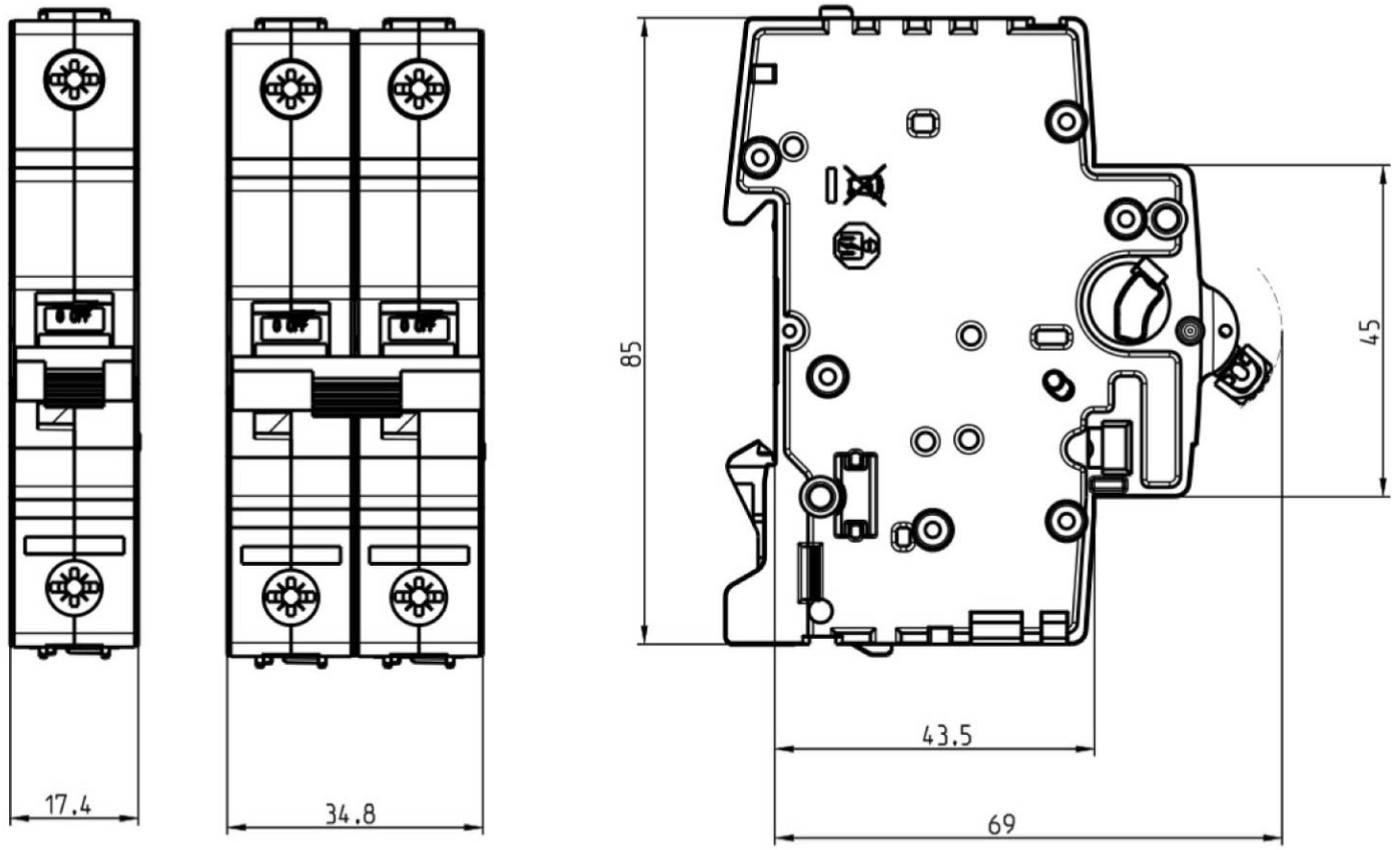
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DIMENSIONAL DIAGRAM



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

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

RELATED PRODUCTS

ACCESSORY



Item No: IBC108P
Required: No
Description: NHP DIN-T Miniature Circuit Breaker Bus Comb 8 Way Pin Type 90 Degree 80A End Feed 130A Centre Feed

Item No: IBC112P
Required: No
Description: NHP DIN-T Miniature Circuit Breaker Bus Comb 12 Way Pin Type 90 Degree 80A End Feed 130A Centre Feed

Item No: IBC115P
Required: No
Description: NHP DIN-T Miniature Circuit Breaker Bus Comb 15 Way Pin Type 90 Degree 80A End Feed 130A Centre Feed



Item No: IBC118P
Required: No
Description: NHP DIN-T Miniature Circuit Breaker Bus Comb 18 Way Pin Type 90 Degree 80A End Feed 130A Centre Feed



Item No: IBC121P
Required: No
Description: NHP DIN-T Miniature Circuit Breaker Bus Comb 21 Way Pin Type 90 Degree 80A End Feed 130A Centre Feed

Item No: IBC155P
Required: No
Description: NHP DIN-T Miniature Circuit Breaker Bus Comb 55 Way Pin Type 90 Degree 80A End Feed 130A Centre Feed



Item No: IBCEC1
Required: No
Description: NHP DIN-T Miniature Circuit Breaker Busbar Comb Endcap for 1Pole IBC



Item No: ICL121F
Required: No
Description: NHP MOD6+ Miniature Circuit Breaker Busbar Comb 12 Way 1P Fork 90 Deg 90A End Feed 150A Centre Feed

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: ICL181F
Required: No
Description: NHP MOD6+ Miniature Circuit Breaker Busbar Comb 18 Way 1P Fork 90 Deg 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: ICL561F
Required: No
Description: NHP DIN-T Miniature Circuit Breaker Bus Comb 57 Way 1Pole Fork Type 110A 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

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RELATED PRODUCTS

ACCESSORY



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