DTCB10150C

NHP DIN-T Miniature Circuit Breaker 10kA 1Pole 50A C Curve

DIN-T™
MINIATURE CIRCUIT BREAKERS



Component type	Miniature circuit breaker (MCB)
Range	DIN-T MCB
Model	N/A
Alternative	DTM10150C

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	240 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, DC	48 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	15 kA
	Rated short-circuit breaking capacity Icu according to AS/NZS 60947-2 at 400 VAC	4 kA
	Max. rated operation voltage Ue	250 V
	Rated insulation voltage Ui	440 V
	Rated impulse withstand voltage Uimp	6 kV
CONSTRUCTION	Number of protected poles	1
	IP rating	IP40
MECHANICAL	Connectable conductor cross section solid-core	1-35 mm²
	Connectable conductor cross section multi-wired	1-25 mm²
DIMENSIONS	Height	86 mm
	Width	18 mm
	Depth	76 mm

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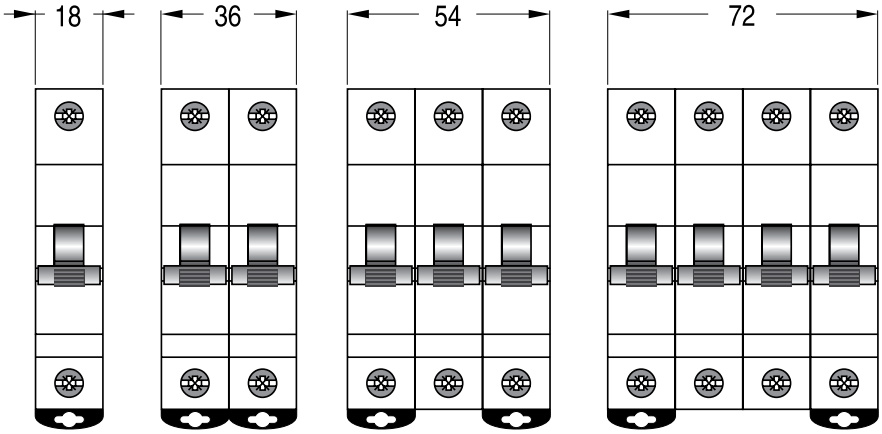
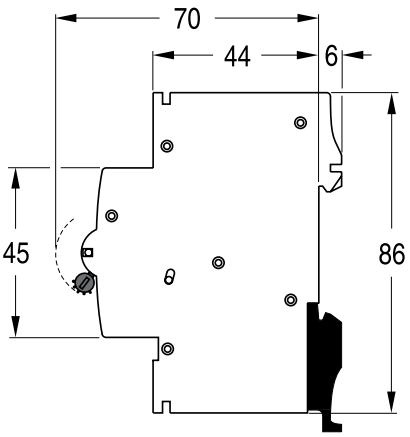
DIMENSIONS	Width in number of modular spacings	1
	Weight	0.12 kg
ENVIRONMENT	Pollution degree	3
	Rated surrounding temperature without derating	30 °C
	Rated temperature	-25…70 °C

DIMENSIONAL DIAGRAM





RELATED PRODUCTS

ACCESSORY



Item No: DCLD6
Required: No
Description: NHP DIN-T Accessory Locking Device Captive 6.5mm



Item No: DTCF35
Required: No
Description: NHP DIN-T Accessory Terminal Main 35mm



Item No: DSRCBHTC
Required: No
Description: NHP DIN-T Accessory Terminal Cover suits DSRCBH Residual Current Breaker with Overcurrent Longbody



Item No: DTLCM
Required: No
Description: NHP DIN-T LOCKDIN DSRCM Add On RCCB and 3Pole MCB Locking Blank



Item No: DTCB10HSRD
Required: No
Description: NHP DIN-T Accessory Terminal Shroud IP20 suits DTCB10H



Item No: DTLD
Required: No
Description: NHP DIN-T LOCKDIN Locking Device Removable Individual Piece 8mm

Item No: DTCBSEALPLATE
Required: No
Description: NHP DIN-T Accessory DTCB Sealing Plate for 4Pole



Item No: DTLDM
Required: No
Description: NHP DIN-T LOCKDIN Dummy MCB Filler For Touch Protection

RELATED PRODUCTS

ACCESSORY



Item No: DTLLA
Required: No
Description: NHP DIN-T LOCKDIN MCBS and DSRCBH Left Hand 6.5mm



Item No: DTLLAB
Required: No
Description: NHP DIN-T LOCKDIN Lock 2Pole DSRCBxxxxA Left Hand 6.5mm



Item No: DTLLABRH
Required: No
Description: NHP DIN-T LOCKDIN Lock 2Pole DSRCBxxxxA Right Hand 6.5mm



Item No: DTLLABULK
Required: No
Description: NHP DIN-T LOCKDIN MCBS and DSRCBH Left Hand 6.5mm 12 Pack



Item No: DTLLADTCB10H
Required: No
Description: NHP DIN-T LOCKDIN DTCB10H MCB 27mm Suit 1Pole 4Pole 6.5mm



Item No: DTLLARH
Required: No
Description: NHP DIN-T LOCKDIN MCBS and DSRCBH Right Hand 6.5mm



Item No: DTLLARHBULK
Required: No
Description: NHP DIN-T LOCKDIN MCBS and DSRCBH Right Hand 6.5mm 12 Pack



Item No: DTLLB
Required: No
Description: NHP DIN-T LOCKDIN Lock Blank For MCB and DSRCBH 12 Pack



Item No: DTPF12
Required: No
Description: NHP DIN-T Accessory Pole Filler 12Pole Strip 216mm equals 24 x 9mm Segments

Item No: DTSP
Required: No
Description: NHP Spacer 1/2 Module 9mm wide



Item No: DTT9025PN
Required: No
Description: NHP DIN-T Miniature Circuit Breaker Terminal Insulated 90 Degrees 25mm Pin



Item No: DTTAX16PN3
Required: No
Description: NHP DIN-T Miniature Circuit Breaker Terminal 3 Neutral Link suit RCCB



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: DTTC35
Required: No
Description: NHP DIN-T Accessory Terminal Cover 35mm Tall suits DINT6 and 10 and 15



Item No: DTTC5
Required: No
Description: NHP DIN-T Accessory Terminal Cover 5mm Tall suits DINT6 and 10 and 15



Item No: DTTLT35LPN
Required: No
Description: NHP DIN-T Accessory Terminal Lateral Pin 35mm Long

RELATED PRODUCTS

ACCESSORY



Item No: DTTLT35PN

Required: No

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



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: IBD312P

Required: No

Description: NHP DIN-T Miniature Circuit Breaker Busbar Comb 24 Way 3Pole Pin Type 80A End Feed 100A Centre Feed

Item No: IBD4552P

Required: No

Description: NHP MOD6+ Miniature Circuit Breaker Busbar Comb 55 Way 3PN Pin 80A End Feed 100A Centre Feed RNWNBN

Item No: IBD4554P

Required: No

Description: NHP MOD6+ Miniature Circuit Breaker Busbar Comb 55 Way 3PN Pin 80A End Feed 100A Centre Feed R W B N

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: 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: 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: ICL562

Required: No

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

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RELATED PRODUCTS

ACCESSORY



Item No: ICL563A

Required: No

Description: NHP DIN-T Miniature Circuit Breaker Bus Comb 56 Way 3Pole Aux Pin Type 80A End Feed 130A Centre Feed



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: 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: 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: 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

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