

DTCB10H4100D

NHP DIN-T Miniature Circuit Breaker 10H 4Pole 100A C Curve



Component type	Miniature circuit breaker (MCB)
Range	DIN-T MCB
Model	N/A
Alternative	DTMH4100D

NHP DIN-T miniature circuit breakers are high-performance electrical protection devices offering a comprehensive range of features to meet the needs of any project. These MCBs are available in a variety of short circuit ratings ranging from 6kA, 10kA and 15kA, 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	100.0 A
Number of poles (total)	4.0
Trip curve	D
Rated voltage	415.0 V
Frequency	50 - 60 Hz
Voltage type	AC/DC
Rated short-circuit breaking capacity I_{cn} according to AS/NZS 60898 at 230 VAC	15.0 kA
Rated short-circuit breaking capacity I_{cn} according to AS/NZS 60898 at 400 VAC	15.0 kA
Rated short-circuit breaking capacity I_{cu} according to AS/NZS 60947-2 at 230 VAC	16.0 kA
Rated short-circuit breaking capacity I_{cu} according to AS/NZS 60947-2 at 400 VAC	16.0 kA
Max. rated operation voltage U_e	440.0 V
Rated insulation voltage U_i	440.0 V
Rated impulse withstand voltage U_{imp}	8.0 kV
Concurrently switching neutral conductor	Yes

CONSTRUCTION

Number of protected poles	4.0
Degree of protection (IP)	IP40

MECHANICAL

Connectable conductor cross section solid-core	1 - 70 mm ²
Connectable conductor cross section multi-wired	1 - 50 mm ²

DIMENSIONS

Height	100.0 mm
Width	108.0 mm
Width in number of modular spacings	4.0
Depth	90.0 mm
Weight	0.98 kg

DTCB10H4100D

NHP DIN-T Miniature Circuit Breaker 10H 4Pole 100A C Curve

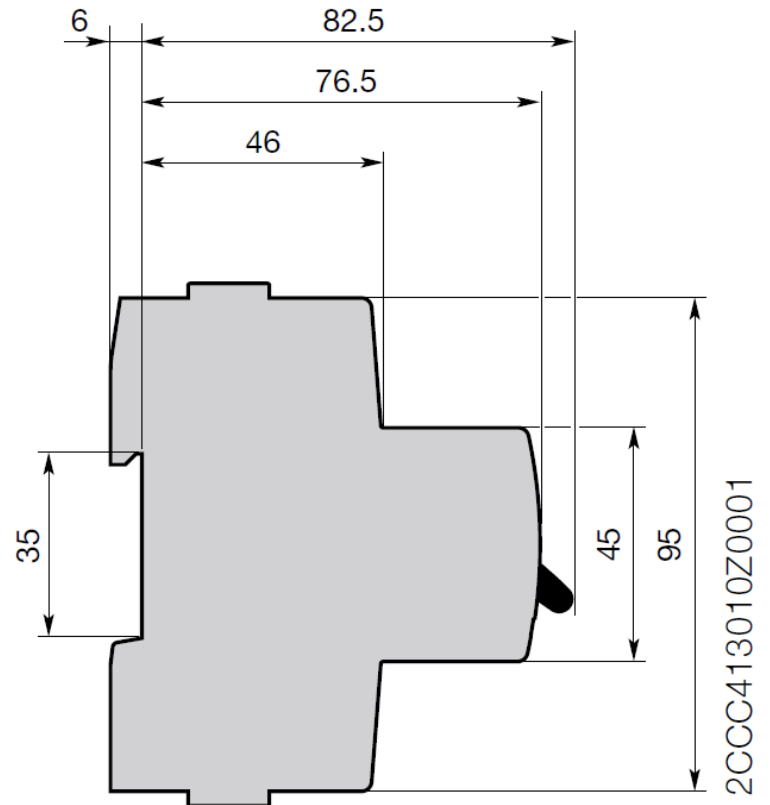
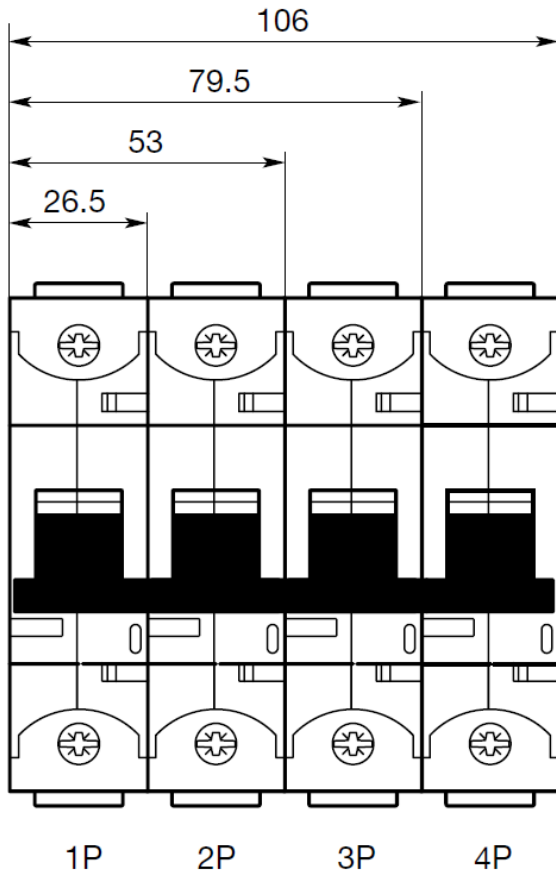


DIN-T
MINIATURE CIRCUIT BREAKERS

ENVIRONMENT

Pollution degree	3.0
Rated surrounding temperature without derating	30.0 °C
Ambient temperature during operating	-25 - 60 °C

DIMENSIONAL DIAGRAM



RELATED PRODUCTS

ACCESSORY



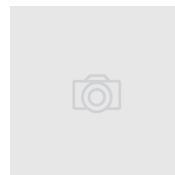
Item No: DCLD6
Required: No
Description: NHP DIN-T Accessory Locking Device Captive 6.5mm



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



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



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

DTCB10H4100D

NHP DIN-T Miniature Circuit Breaker 10H 4Pole 100A C Curve



DIN-T
MINIATURE CIRCUIT BREAKERS

RELATED PRODUCTS

ACCESSORY



Item No: DTCF35

Required: No

Description: NHP DIN-T Accessory Terminal Main 35mm



Item No: DTLCM

Required: No

Description: NHP DIN-T LOCKDIN DSRCM Add On RCCB and 3Pole MCB Locking Blank



Item No: DTLD

Required: No

Description: NHP DIN-T LOCKDIN Locking Device Removable Individual Piece 8mm



Item No: DTLDM

Required: No

Description: NHP DIN-T LOCKDIN Dummy MCB Filler For Touch Protection



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: DTT9025PN

Required: No

Description: NHP MOD6 Miniature Circuit Breaker Terminal Insulated 90 Degrees 25mm Pin



Item No: DTTAX16PN3

Required: No

Description: NHP MOD6 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

DTCB10H4100D

NHP DIN-T Miniature Circuit Breaker 10H 4Pole 100A C Curve



DIN-T
MINIATURE CIRCUIT BREAKERS

RELATED PRODUCTS

ACCESSORY



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: DTTTL35LPN

Required: No

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



Item No: DTTTL35PN

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

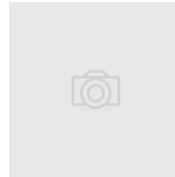
Description: NHP DIN-T Miniature Circuit Breaker Bus Comb 21 Way Pin Type 90 Degree 80A End Feed 130A Centre Feed



Item No: IBC155P

Required: No

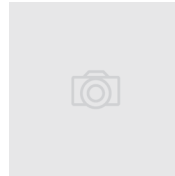
Description: NHP DIN-T Miniature Circuit Breaker Bus Comb 55 Way Pin Type 90 Degree 80A End Feed 130A Centre Feed



Item No: IBD312P

Required: No

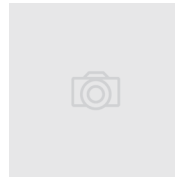
Description: NHP DIN-T Miniature Circuit Breaker Busbar Comb 12 Way 3Pole Pin Type 80A End Feed 100A Centre Feed



Item No: IBD4552P

Required: No

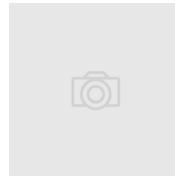
Description: NHP MOD6 Miniature Circuit Breaker Busbar Comb 55 Way 3PN Pin 80A End Feed 100A Centre Feed RNWNBN



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

DTCB10H4100D

NHP DIN-T Miniature Circuit Breaker 10H 4Pole 100A C Curve



DIN-T
MINIATURE CIRCUIT BREAKERS

RELATED PRODUCTS

ACCESSORY



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

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