

MOD6350

NHP MOD6 Miniature Circuit Breaker 6kA 3Pole 50A C Curve



MOD6
MINIATURE CIRCUIT BREAKERS



Component type	Miniature circuit breaker (MCB)
Range	MOD6 MCB
Model	N/A
Product status	Existing

NHP's MOD6 range of miniature circuit breakers offers cost effective solutions while providing core electrical protection, designed to detect and trip on overload and short circuit currents. These MCBs are available with a 6kA short circuit rating, with current ratings from 6-63A in 1P, 2P or 3P in C trip curve.

ELECTRICAL

Rated current	50.0 A
Number of poles (total)	3.0
Trip curve	C
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	6.0 kA
Rated short-circuit breaking capacity I _{cn} according to AS/NZS 60898 at 400 VAC	6.0 kA
Max. rated operation voltage U _e	440.0 V
Rated insulation voltage U _i	440.0 V
Rated impulse withstand voltage U _{imp}	6.0 kV

CONSTRUCTION

Number of protected poles	3.0
Degree of protection (IP)	IP40

MECHANICAL

Connectable conductor cross section solid-core	1 - 25 mm ²
Connectable conductor cross section multi-wired	1 - 25 mm ²

DIMENSIONS

Height	86.0 mm
Width	54.0 mm
Width in number of modular spacings	3.0
Depth	76.0 mm
Weight	0.36 kg

ENVIRONMENT

Pollution degree	3.0
Rated surrounding temperature without derating	30.0 °C
Ambient temperature during operating	-25 - 55 °C

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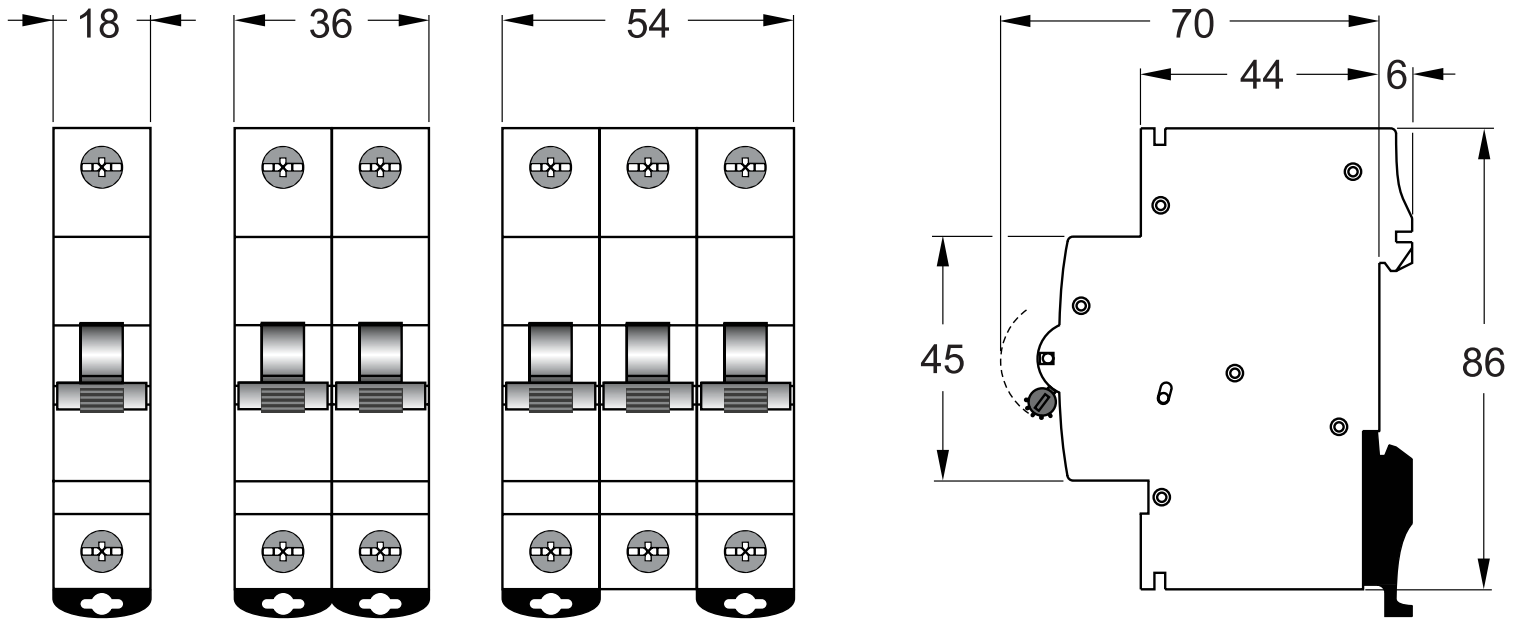
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DIMENSIONAL DIAGRAM



RELATED PRODUCTS

ACCESSORY



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 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: DTTTL25PN2

Required: No

Description: NHP MOD6 Miniature Circuit Breaker Terminal Axial Pin 25mm Long Insulated



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

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RELATED PRODUCTS

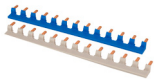
ACCESSORY



Item No: IBCEC1

Required: No

Description: NHP DIN-T Miniature Circuit Breaker Busbar Comb Endcap for 1Pole IBC



Item No: IBD213P

Required: No

Description: NHP MOD6 Miniature Circuit Breaker Busbar Comb 13 1PN Pin Type 90 Deg 80A End Feed 100A Centre Feed



Item No: IBD218P

Required: No

Description: NHP MOD6 Miniature Circuit Breaker Busbar Comb 18 Way 1PN Pin 80A End Feed 100A Centre Feed



Item No: IBD255P

Required: No

Description: NHP MOD6 Miniature Circuit Breaker Busbar Comb 55 Way 1PN Pin 80A End Feed 100A Centre Feed



Item No: IBDEC2

Required: No

Description: NHP MOD6 Miniature Circuit Breaker Busbar Comb Endcap for 2Pole IBD



Item No: IBDEC4

Required: No

Description: NHP MOD6 Miniature Circuit Breaker Busbar Comb Endcap for 4Pole IBD



Item No: ICL121F

Required: No

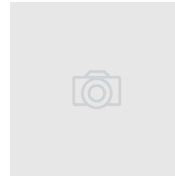
Description: NHP MOD6 Miniature Circuit Breaker Busbar Comb 12 Way 1P Fork 90 Deg 90A End Feed 150A Centre Feed



Item No: 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: ICL41F

Required: No

Description: NHP MOD6 Miniature Circuit Breaker Busbar Comb 04 Way 1P Fork 80A End Feed and 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: ICL573F

Required: No

Description: NHP DIN-T Miniature Circuit Breaker Bus Comb 57 Way 3Pole Fork Type 120A End Feed 130A Centre Feed