

# MOD6116

NHP MOD6 Miniature Circuit Breaker 6kA 1Pole 16A C Curve



**MOD6**  
MINIATURE CIRCUIT BREAKERS



<b>Component type</b>	Miniature circuit breaker (MCB)
<b>Range</b>	MOD6 MCB
<b>Model</b>	N/A
<b>Product status</b>	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	16.0 A
Number of poles (total)	1.0
Trip curve	C
Rated voltage	240.0 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 $U_e$	250.0 V
Rated insulation voltage $U_i$	440.0 V
Rated impulse withstand voltage $U_{imp}$	6.0 kV

## CONSTRUCTION

Number of protected poles	1.0
Degree of protection (IP)	IP40

## MECHANICAL

Connectable conductor cross section solid-core	1 - 25 mm <sup>2</sup>
Connectable conductor cross section multi-wired	1 - 25 mm <sup>2</sup>

## DIMENSIONS

Height	86.0 mm
Width	18.0 mm
Width in number of modular spacings	1.0
Depth	76.0 mm
Weight	0.12 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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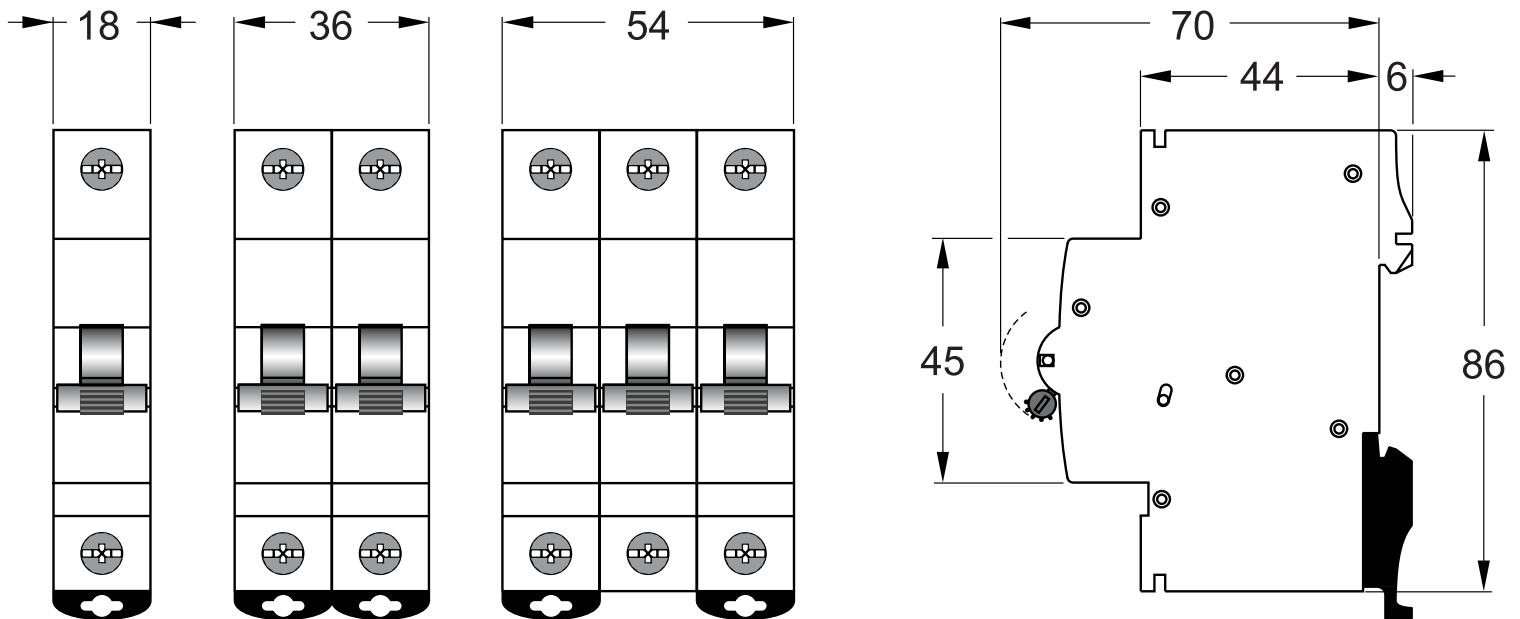
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## MOD6

MINIATURE CIRCUIT BREAKERS

### DIMENSIONAL DIAGRAM



### RELATED PRODUCTS

#### ACCESSORY



**Item No:** DTLT

**Required:** No

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



**Item No:** DTTLT25PN2

**Required:** No

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



**Item No:** DTPF12

**Required:** No

**Description:** NHP DIN-T Accessory Pole Filler 12Pole Strip 216mm equals 24 x 9mm Segments



**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:** DTT9025PN

**Required:** No

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



**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:** DTTAX16PN3

**Required:** No

**Description:** NHP MOD6 Miniature Circuit Breaker Terminal 3 Neutral Link suit RCCB



**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

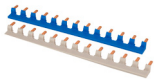
### ACCESSORY



**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

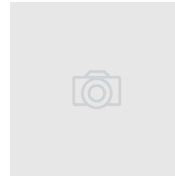
**Description:** NHP MOD6 Miniature Circuit Breaker Busbar Comb 12 Way 1P Fork 90 Deg 90A End Feed 150A Centre Feed



**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