

MD6M116

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



| | |
|-----------------------|----------------------------------|
| Component type | Miniature circuit breaker (MCB) |
| Range | MOD6+ Miniature Circuit Breakers |
| Model | N/A |
| Product status | Existing |

NHP's MOD6+ Miniature Circuit Breakers (MCBs) offer 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 and 80-125A in 1P & 3P in C trip curve.

ELECTRICAL

| | |
|---|----------|
| Rated current | 16 A |
| Number of poles (total) | 1 |
| Trip curve | C |
| Rated voltage | 240 V |
| Frequency | 50-60 Hz |
| Voltage type | AC |
| Service voltage U_b , AC | 12 V |
| Rated short-circuit breaking capacity I_{cn} according to AS/NZS 60898 at 230 VAC | 6 kA |
| Rated short-circuit breaking capacity I_{cn} according to AS/NZS 60898 at 400 VAC | 6 kA |
| Max. rated operation voltage U_e | 440 V |
| Rated insulation voltage U_i | 440 V |
| Rated impulse withstand voltage U_{imp} | 4 kV |

CONSTRUCTION

| | |
|-------------------------------|------|
| Additional equipment possible | No |
| Number of protected poles | 1 |
| IP rating | IP40 |

MECHANICAL

| | |
|---|-------------------------|
| Connectable conductor cross section solid-core | 0.75-25 mm ² |
| Connectable conductor cross section multi-wired | 0.75-16 mm ² |

DIMENSIONS

| | |
|-------------------------------------|---------|
| Height | 85 mm |
| Width | 17.5 mm |
| Depth | 75.8 mm |
| Width in number of modular spacings | 1 |
| Weight | 0.12 kg |

ENVIRONMENT

| | |
|------------------|---|
| Pollution degree | 3 |
|------------------|---|

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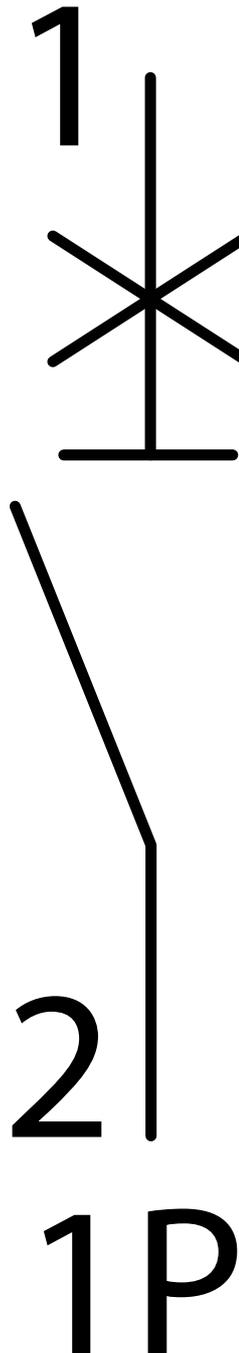
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ENVIRONMENT

| | |
|--|-------------|
| Rated surrounding temperature without derating | 30 °C |
| Rated temperature | -25...70 °C |

CIRCUIT DIAGRAM

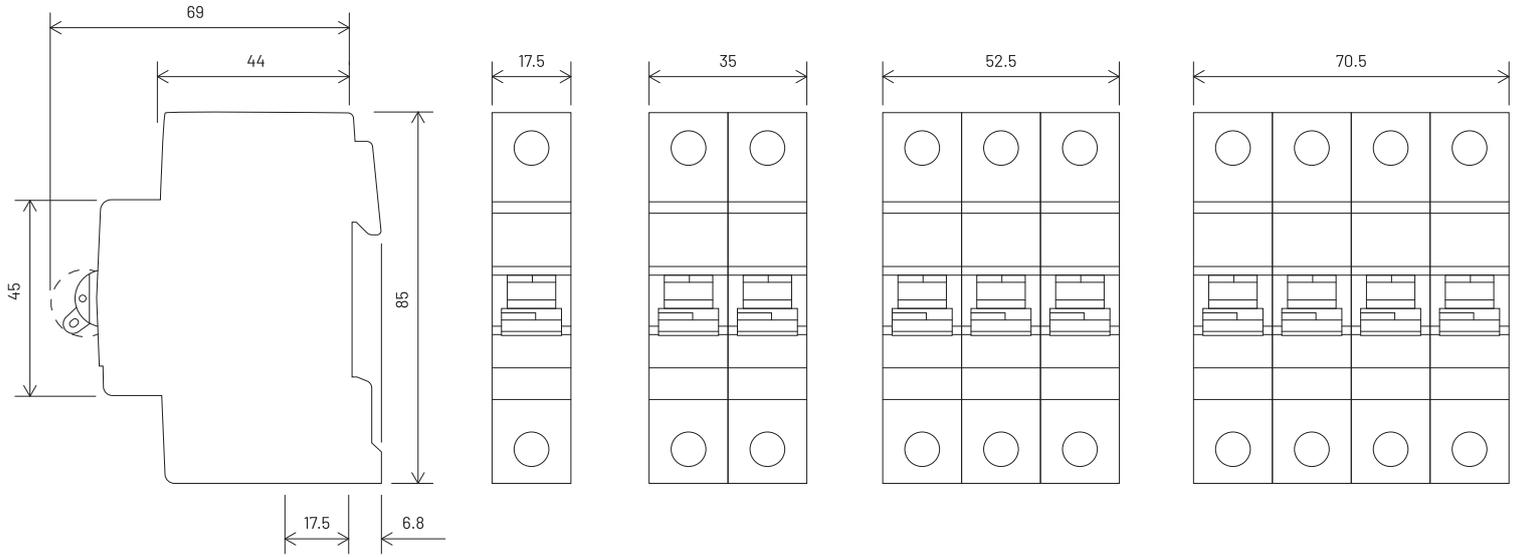


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DIMENSIONAL DIAGRAM



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RELATED PRODUCTS

ACCESSORY



Item No: DTL D

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: DTTAX50PN

Required: No

Description: NHP DIN-T Accessory Terminal Axial Pin 50mm



Item No: DTTTL25PN2

Required: No

Description: NHP DIN-T Miniature Circuit Breaker Terminal Axial Pin 25mm Long Insulated



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: IBCEC1

Required: No

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



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

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RELATED PRODUCTS

ACCESSORY



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: 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: 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

