

M6RCBD1030CAN

NHP MOD6 Residual Current Device - Short body w/
Overcurrent 6kA 10A 1PN C Curve 30mA Type A 2 Screw



MOD6
RESIDUAL CURRENT DEVICES



Component type	Earth leakage circuit breaker
Range	MOD6 RCD
Model	N/A
Product status	Existing

NHP MOD6 residual current devices (RCDs) offer a 6kA rating with a proven history in domestic and commercial applications. The MOD6 RCD range offers many solutions for both 1 phase in 10mA and 30mA sensitivities as well as 3 phase in 30mA sensitivities. The MOD6 RCDs can be easily installed into NHP loadcentres, as well as Concept One distribution panelboards.

ELECTRICAL

Rated current	10.0 A
Rated voltage	240.0 V
Rated leakage current	30.0 mA
Frequency	50/60 Hz
Rated short-circuit breaking capacity according to AS/NZS 61009	6.0 kA
Voltage type	AC
Trip curve	C
Rated impulse withstand voltage Uimp	6.0 kV
Leakage current type	A
Tripping time	40.0 ms
Service voltage (Min)	195.0 V
Max. operating voltage (Umax)	255.0 V
Rated residual make/break capacity	6000.0 A
Protected neutral pole	No
Number of poles (total)	2.0
Electrical life at Un, In (service cycles)	10000.0 cycles
Type of electric connection	Pin
Isolator application	Yes
Rated insulation voltage Ui	500.0 V
Concurrently switching neutral conductor	Yes

CONSTRUCTION

Mounting method	DIN rail (top hat rail) 35 mm
Degree of protection (IP)	IP20
Number of protected poles	1.0

MECHANICAL

Mechanical life (service cycles)	20000.0 cycles
Shock duration (Max)	5.0 ms
Shock acceleration (Max)	40.0 g

M6RCBD1030CAN

NHP MOD6 Residual Current Device - Short body w/
Overcurrent 6kA 10A 1PN C Curve 30mA Type A 2 Screw



MOD6
RESIDUAL CURRENT DEVICES

MECHANICAL

Vibration acceleration (Max)	2.0 m/s ²
Vibration frequency, operational (Max)	80.0 Hz
Vibration duration (Max)	30.0 min

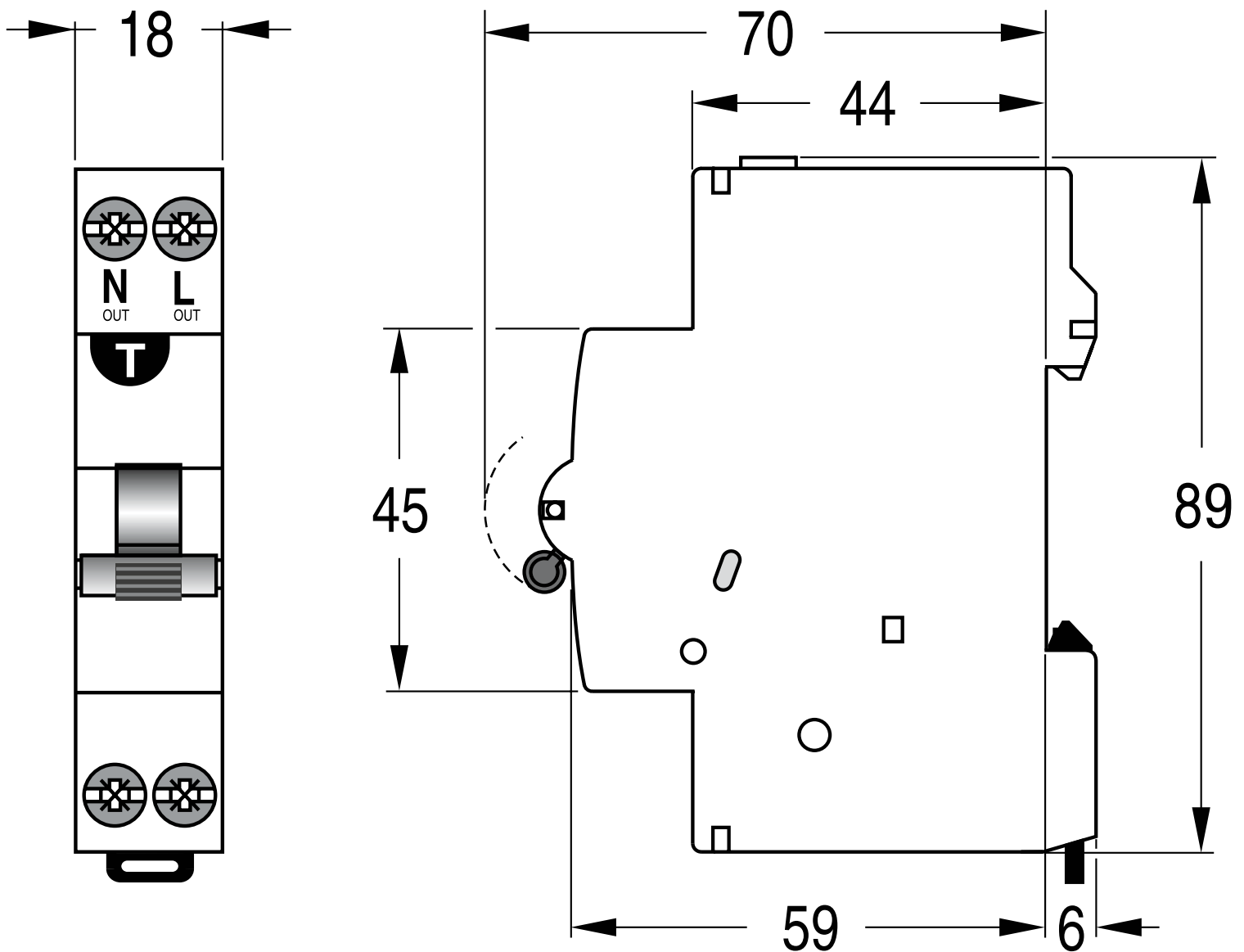
DIMENSIONS

Depth	76.0 mm
Height	86.0 mm
Width	18.0 mm
Weight	0.13 kg

ENVIRONMENT

Operating temperature	-5 - 55 °C
Pollution degree	3.0

DIMENSIONAL DIAGRAM



M6RCBD1030CAN

NHP MOD6 Residual Current Device - Short body w/
Overcurrent 6kA 10A 1PN C Curve 30mA Type A 2 Screw



MOD6
RESIDUAL CURRENT DEVICES

RELATED PRODUCTS

ACCESSORY



Item No: DTLT

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

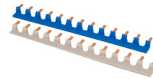
Description: NHP DIN-T Miniature Circuit Breaker Bus Comb 18 Way Pin Type 90 Degree 80A End Feed 130A Centre Feed



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: ICL121F

Required: No

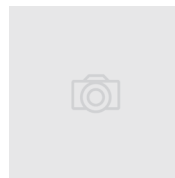
Description: NHP MOD6 Miniature Circuit Breaker Busbar Comb 12 Way 1P Fork 90 Deg 90A End Feed 150A Centre Feed



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

M6RCBD1030CAN

NHP MOD6 Residual Current Device - Short body w/
Overcurrent 6kA 10A 1PN C Curve 30mA Type A 2 Screw



MOD6
RESIDUAL CURRENT DEVICES

RELATED PRODUCTS

ACCESSORY

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

