MOD6RCCB44030A

NHP MOD6 Residual Current Circuit Breaker RCCB 3PN 40A 30mA Type A

MOD6
RESIDUAL CURRENT DEVICES



Component type	Residual current circuit breaker (RCCB)
Range	MOD6 RCD
Model	N/A
Alternative	MD6RC44030A

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	Number of poles	4
	Voltage type	AC
	Frequency	50/60 Hz
	Rated current	40 A
	Leakage current type	A
	Rated leakage current	30 mA
	Concurrently switching neutral conductor	Yes
	Min. service voltage	287 V
	Max. rated operation voltage Ue AC	455 V
	Rated insulation voltage Ui	500 V
	Rated impulse withstand voltage Uimp	6 kV
	Rated fault current	6000 A
	Selective protection	No
	Electrical life at Un, In (service cycles)	10000 cycles
CONSTRUCTION	Mounting method	DIN rail
	IP rating	IP20
	Additional equipment possible	Yes
MECHANICAL	Connectable conductor cross section solid-core	35-35 mm²
	Mechanical life (service cycles)	20000 cycles
DIMENSIONS	Height	86 mm
	Width	72 mm
	Depth	76 mm
	Weight	0.37 kg
ENVIRONMENT	Operating temperature	55 °C
	Rated temperature	-25…55 °C
	Storage temperature	70 °C

Published on 23 September 2026

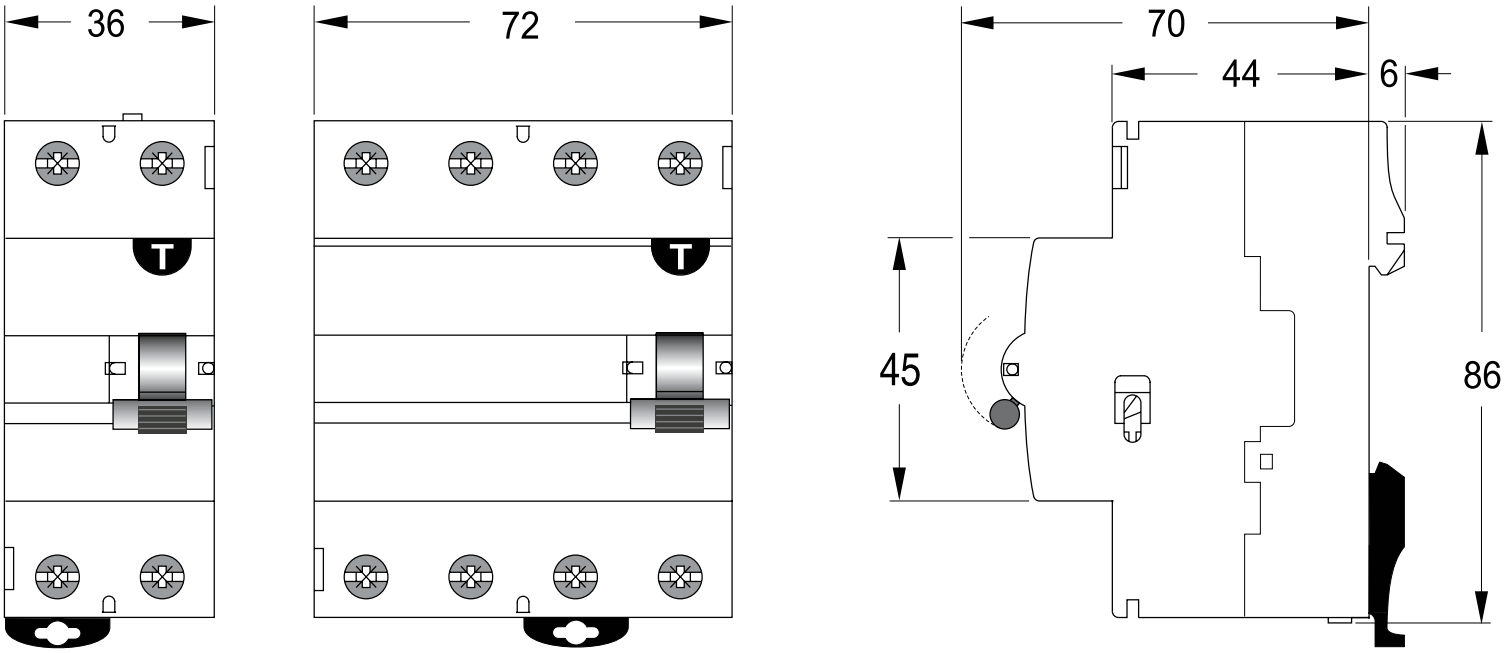
MOD6RCCB44030A

NHP MOD6 Residual Current Circuit Breaker RCCB 3PN 40A 30mA Type A

MOD6
RESIDUAL CURRENT DEVICES

ENVIRONMENT	Pollution degree	2
CERTIFICATES/APPROVALS	Explosion-proof	No

DIMENSIONAL DIAGRAM



RELATED PRODUCTS

ACCESSORY



Item No: DTLD
Required: Yes
Description: NHP DIN-T LOCKDIN Locking Device Removable Individual Piece 8mm



Item No: DTPF12
Required: Yes
Description: NHP DIN-T Accessory Pole Filler 12Pole Strip 216mm equals 24 x 9mm Segments



Item No: DTT9025PN
Required: Yes
Description: NHP DIN-T Miniature Circuit Breaker Terminal Insulated 90 Degrees 25mm Pin



Item No: DTTAX16PN3
Required: Yes
Description: NHP DIN-T Miniature Circuit Breaker Terminal 3 Neutral Link suit RCCB



Item No: DTTLT25PN2
Required: Yes
Description: NHP DIN-T Miniature Circuit Breaker Terminal Axial Pin 25mm Long Insulated

Item No: IBC112P
Required: Yes
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: Yes
Description: NHP DIN-T Miniature Circuit Breaker Bus Comb 15 Way Pin Type 90 Degree 80A End Feed 130A Centre Feed

MOD6RCCB44030A

NHP MOD6 Residual Current Circuit Breaker RCCB 3PN 40A 30mA Type A

MOD6
RESIDUAL CURRENT DEVICES

RELATED PRODUCTS

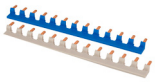
ACCESSORY



Item No: IBC118P
Required: Yes
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: Yes
Description: NHP DIN-T Miniature Circuit Breaker Busbar Comb Endcap for 1Pole IBC



Item No: IBD213P
Required: Yes
Description: NHP MOD6+ Miniature Circuit Breaker Busbar Comb 13 1PN Pin Type 90 Deg 80A End Feed 100A Centre Feed

Item No: IBD218P
Required: Yes
Description: NHP MOD6+ Miniature Circuit Breaker Busbar Comb 18 Way 1PN Pin 80A End Feed 100A Centre Feed



Item No: IBD255P
Required: Yes
Description: NHP MOD6+ Miniature Circuit Breaker Busbar Comb 55 Way 1PN Pin 80A End Feed 100A Centre Feed



Item No: IBDEC2
Required: Yes
Description: NHP MOD6+ Miniature Circuit Breaker Busbar Comb Endcap for 2Pole IBD



Item No: IBDEC4
Required: Yes
Description: NHP MOD6+ Miniature Circuit Breaker Busbar Comb Endcap for 4Pole IBD



Item No: ICL121F
Required: Yes
Description: NHP MOD6+ Miniature Circuit Breaker Busbar Comb 12 Way 1P Fork 90 Deg 90A End Feed 150A Centre Feed



Item No: ICL181F
Required: Yes
Description: NHP MOD6+ Miniature Circuit Breaker Busbar Comb 18 Way 1P Fork 90 Deg 80A End Feed 130A Centre Feed

Item No: ICL41F
Required: Yes
Description: NHP MOD6+ Miniature Circuit Breaker Busbar Comb 04 Way 1P Fork 80A End Feed and 130A Centre Feed



Item No: ICL561F
Required: Yes
Description: NHP DIN-T Miniature Circuit Breaker Bus Comb 57 Way 1Pole Fork Type 110A End Feed 130A Centre Feed



Item No: ICL573F
Required: Yes
Description: NHP DIN-T Miniature Circuit Breaker Bus Comb 57 Way 3Pole Fork Type 120A End Feed 130A Centre Feed

Published on 23 September 2026