MD6RD0610A

NHP MOD6+ RCBO 6kA 1 Pole and Switched N 6A C Curve 10mA Type A (2 screw)

MOD6+™ RESIDUAL CURRENT DEVICES

Component type	Earth leakage circuit breaker
Range	MOD6+ Residual Current Devices
Model	N/A
Product status	New Item

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 Loadcenters, as well as MOD6+ RCBOs into MOD6+ Distribution Panelboards.

ELECTRICAL	**Rated current**	6 A
	Rated voltage	240 V
	Rated leakage current	10 mA
	Frequency	50/60 Hz
	Rated short-circuit breaking capacity according to AS/NZS 61009	6 kA
	Voltage type	AC
	Trip curve	C
	Rated impulse withstand voltage Uimp	4 kV
	Leakage current type	A
	Tripping time	40 ms
	Min. service voltage	160 V
	Max. operating voltage (Umax)	264 V
	Rated residual make/break capacity	3000 A
	Protected neutral pole	No
	Number of poles (total)	2
	Electrical life at Un, In (service cycles)	10000 cycles
	Type of electric connection	Pin
	Isolator application	Yes
	Rated insulation voltage Ui	500 V
	Concurrently switching neutral conductor	Yes
CONSTRUCTION	**Mounting method**	DIN rail
	Degree of protection (IP)	IP40
	Number of protected poles	1
MECHANICAL	**Mechanical life (service cycles)**	20000 cycles
	Disconnection characteristic	Undelayed

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MECHANICAL	Connectable conductor cross section solid-core	1-25 mm²
	Connectable conductor cross section multi-wired	1-16 mm²
	Max. shock duration	5 ms
	Max. shock acceleration	40 g
	Max. vibration acceleration	2 m/s²
	Max. vibration frequency, operational	80 Hz
	Max. vibration duration	30 min
DIMENSIONS	Depth	76 mm
	Height	86 mm
	Width	18 mm
	Weight	0.12 kg
	Width in number of modular spacings	1
ENVIRONMENT	Operating temperature	-25…55 °C
	Pollution degree	2

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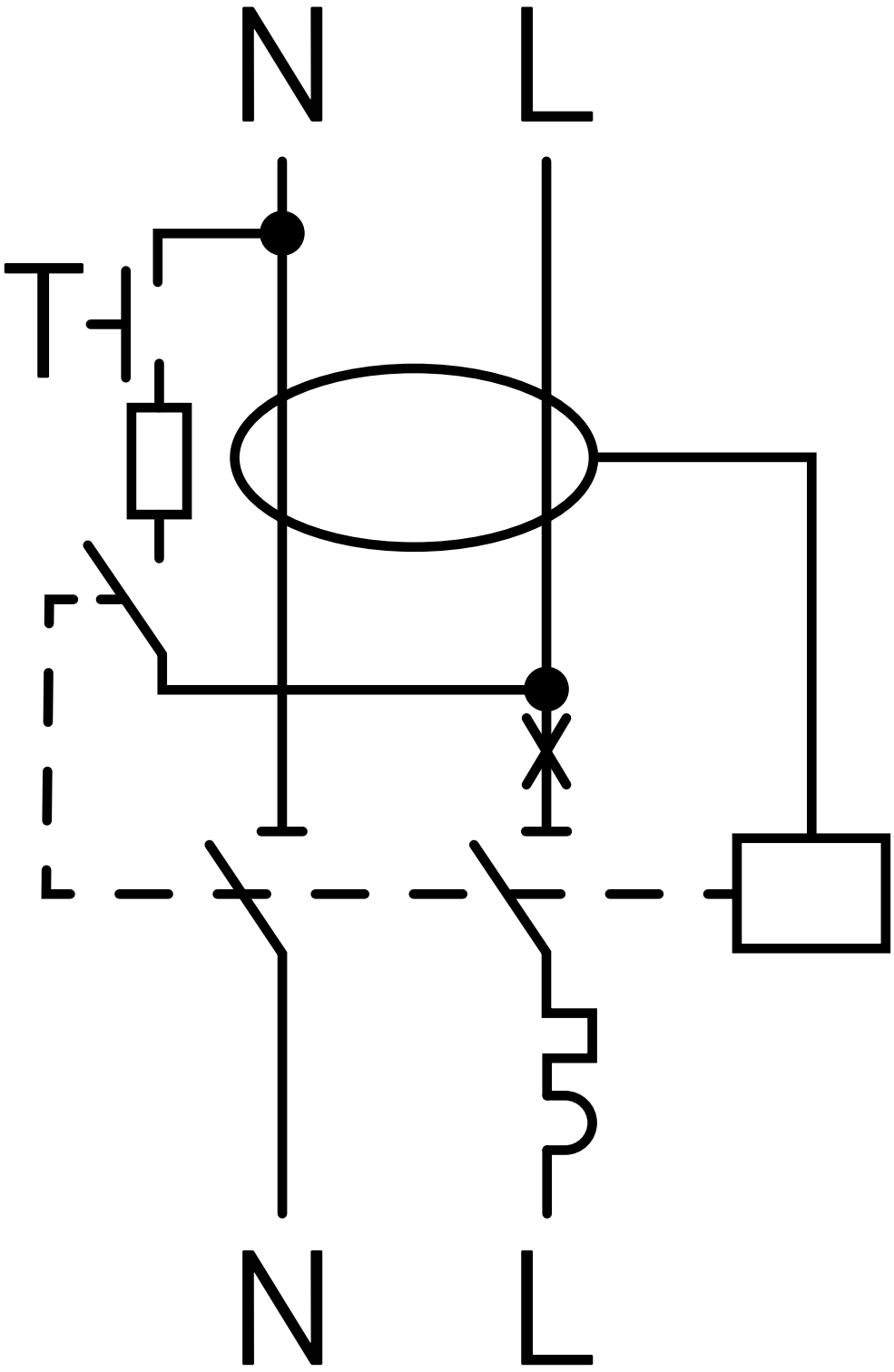
CIRCUIT DIAGRAM



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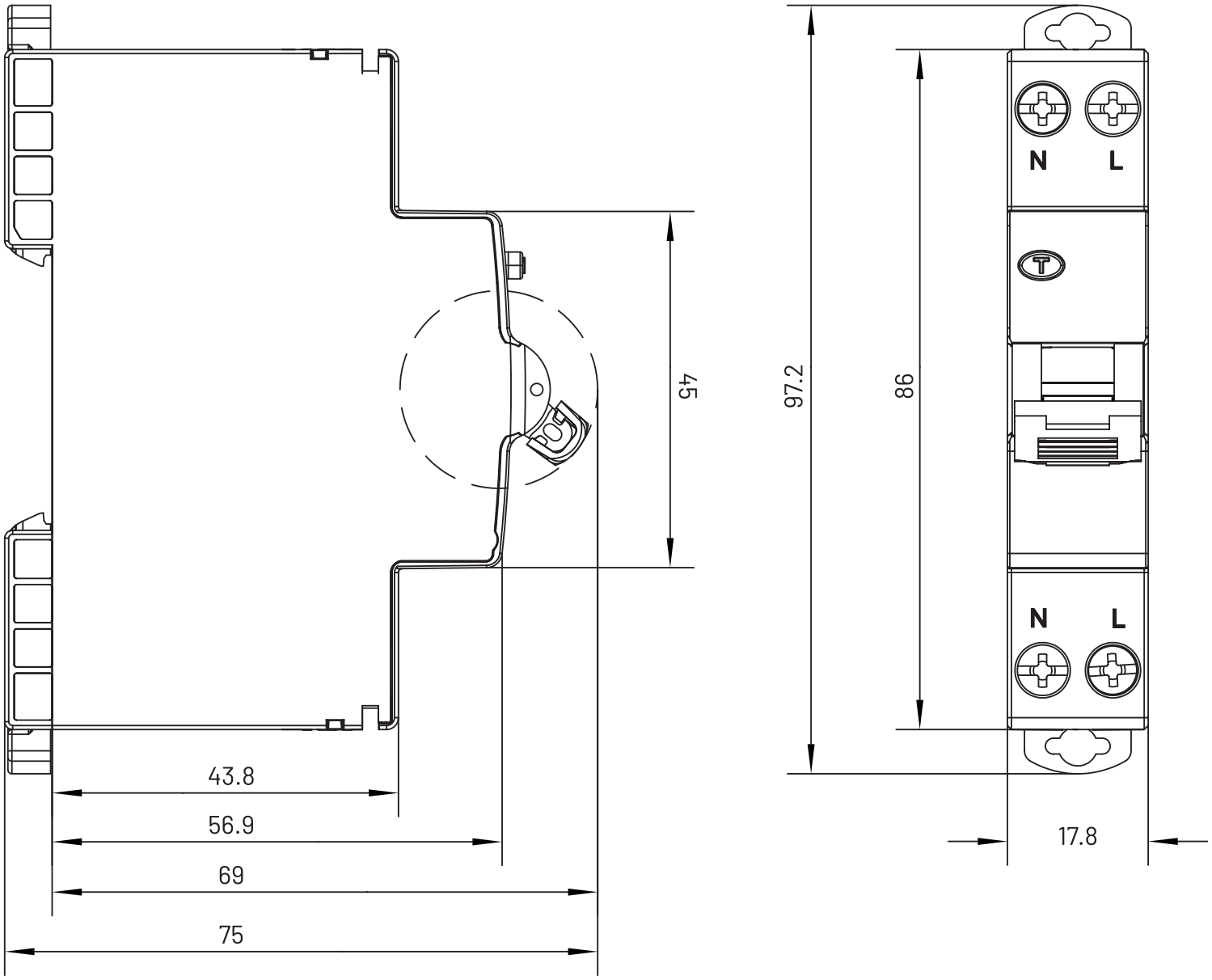
DIMENSIONAL DIAGRAM



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