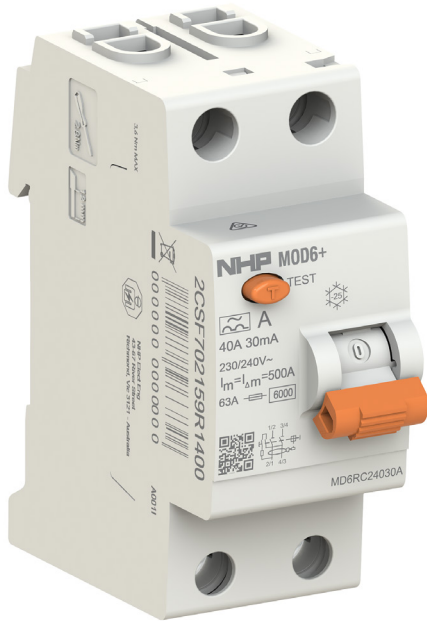


MD6RC24030A

NHP MOD6+ Residual Current Device RCCB 1 Pole and Switched N 40A 30mA Type A



Component type	Residual current circuit breaker (RCCB)
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

Number of poles	2
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	110 V
Max. rated operation voltage Ue AC	456 V
Rated insulation voltage Ui	500 V
Rated impulse withstand voltage Uimp	4 kV
Rated fault current	6000 A
Selective protection	No
Short-time delayed tripping	No
Electrical life at Un, In (service cycles)	10000 cycles
Rated voltage	240 V
Surge current capacity	0.25 kA

CONSTRUCTION

Mounting method	DIN rail
IP rating	IP40

MECHANICAL

Connectable conductor cross section solid-core	1-25 mm ²
Mechanical life (service cycles)	20000 cycles
Connectable conductor cross section multi-wired	1-16 mm ²

DIMENSIONS

Height	88 mm
Width	35 mm
Depth	75 mm

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NHP MOD6+ Residual Current Device RCCB 1 Pole and Switched N 40A 30mA Type A



DIMENSIONS

Weight	0.2 kg
Width in number of modular spacings	2

ENVIRONMENT

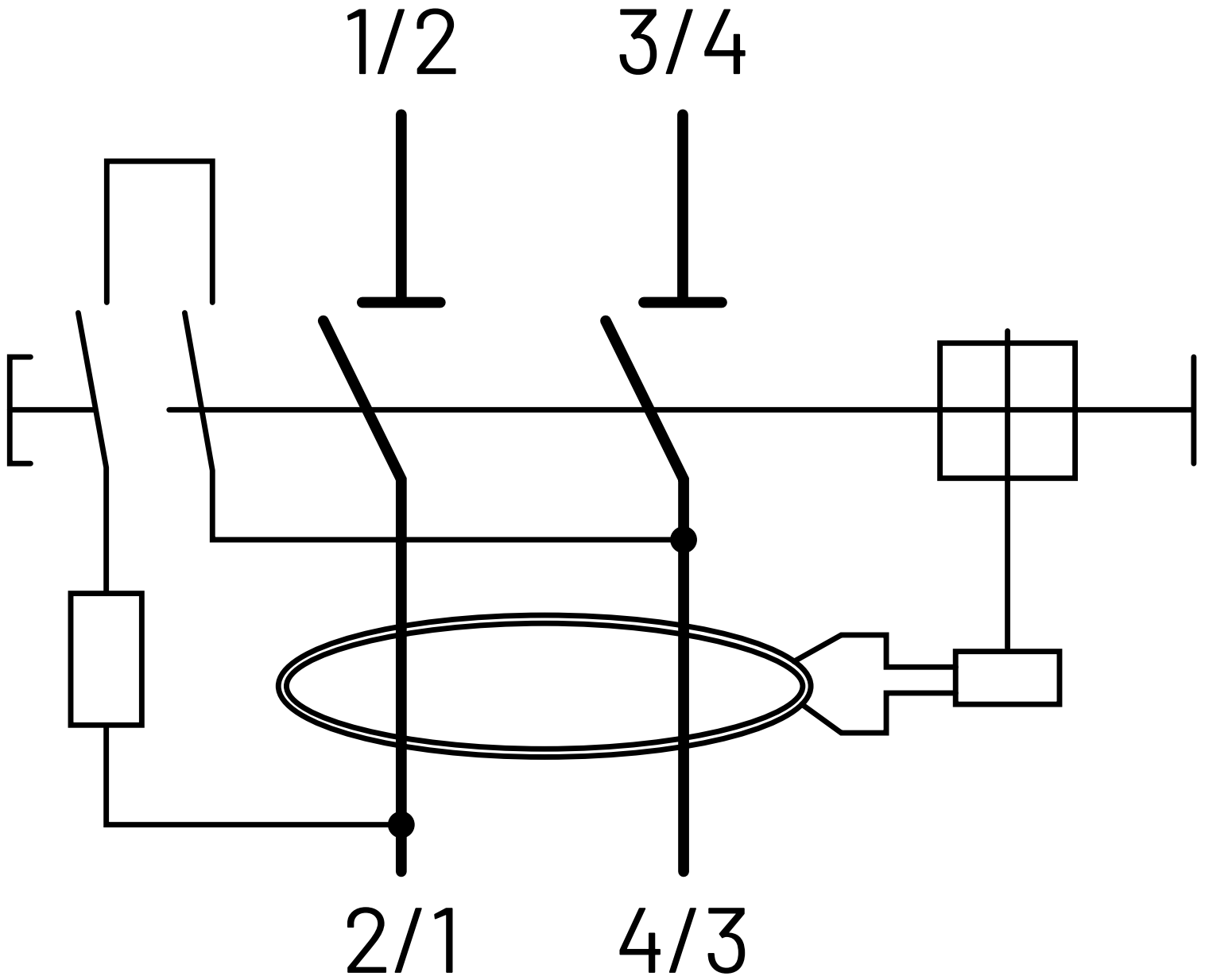
Operating temperature	-5...70 °C
Rated temperature	-5...70 °C
Storage temperature	-40...70 °C
Pollution degree	2

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NHP MOD6+ Residual Current Device RCCB 1 Pole and Switched N 40A 30mA Type A



CIRCUIT DIAGRAM



MD6RC24030A

NHP MOD6+ Residual Current Device RCCB 1 Pole and Switched N 40A 30mA Type A



DIMENSIONAL DIAGRAM

