DTRCD24030A

NHP DIN-T Residual Current Device RCCB 1 Pole and Switched Neutral 40A 30mA Type A

DIN-T™
RESIDUAL CURRENT DEVICES



Component type	Residual current circuit breaker (RCCB)
Range	DIN-T RCD
Model	N/A
Product status	Existing

NHP's DIN-T range of residual current devices (RCDs) are a high-performance electrical safety solution designed for commercial, industrial and mining applications. These RCDs offer a high level of selectivity, with sensitives including 10mA, 30mA, 100mA and 300mA, and types starting at Type A for general purpose applications through to Type F and B for more complex loads.

- Standard AS/NZS 61008
- Approval No NSW20674 & RCM (Type A, AI, F, & S)
- Approval No NSW29450 & RCM (Type B)
- Current ratings 40A, 63A, 80A, and 100A
- Type A general light and power, Type AI high immunity
- Type F frequency-controlled appliances and equipment

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	264 V
	Rated insulation voltage Ui	500 V
	Rated impulse withstand voltage Uimp	4 kV
	Rated fault current	10000 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
	Additional equipment possible	Yes
MECHANICAL	**Connectable conductor cross section solid-core**	1-25 mm²
	Mechanical life (service cycles)	20000 cycles

Published on 17 November 2026

DTRCD24030A

NHP DIN-T Residual Current Device RCCB 1 Pole and Switched Neutral 40A 30mA Type A

DIN-T™ RESIDUAL CURRENT DEVICES

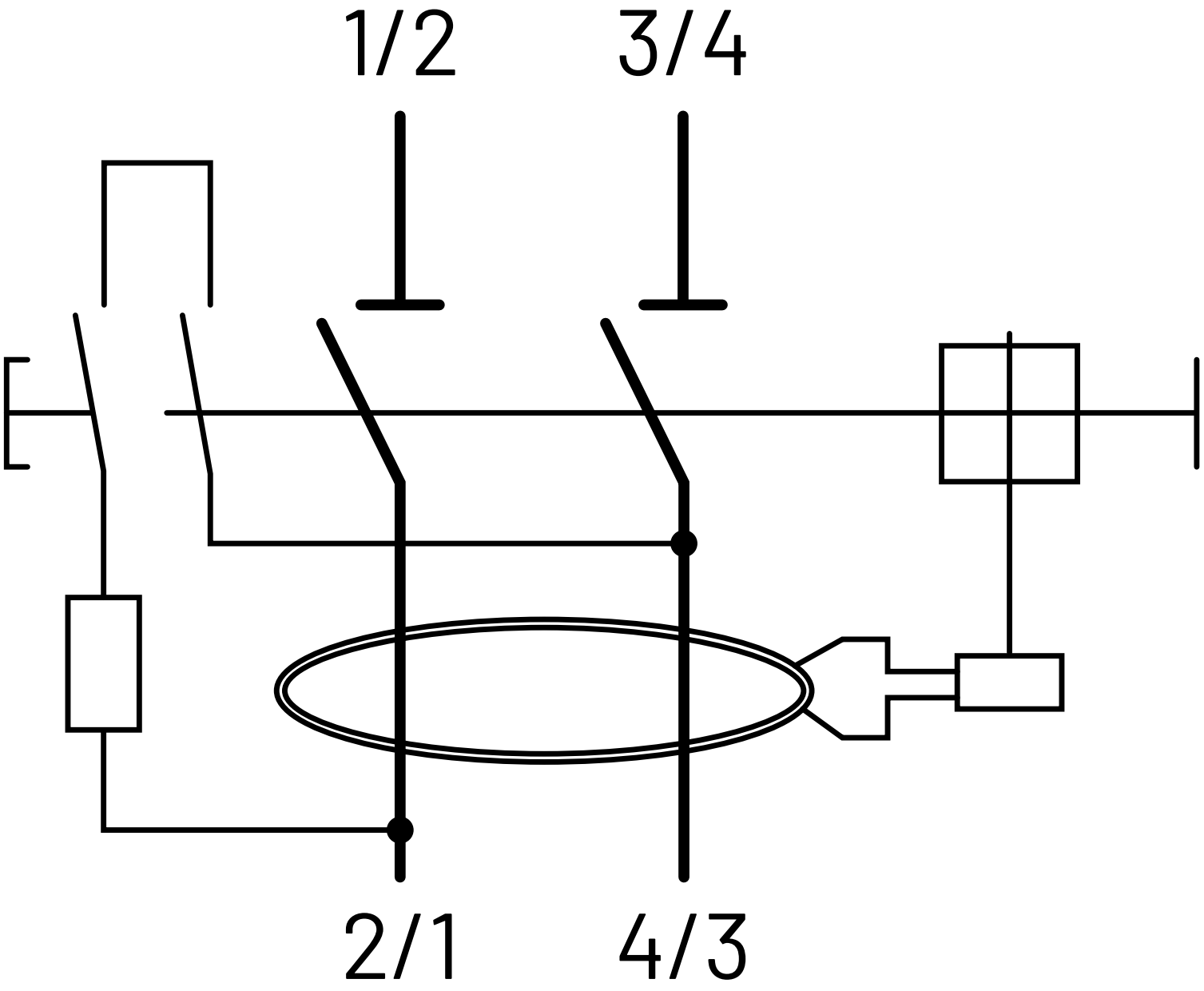
MECHANICAL	Connectable conductor cross section multi-wired	1-16 mm²
DIMENSIONS	Height	85 mm
	Width	35 mm
	Depth	75 mm
	Weight	0.2 kg
	Width in number of modular spacings	2
ENVIRONMENT	Operating temperature	70 °C
	Rated temperature	-25…70 °C
	Storage temperature	70 °C
	Pollution degree	2

DTRCD24030A

NHP DIN-T Residual Current Device RCCB 1 Pole and Switched Neutral 40A 30mA Type A

DIN-T™
RESIDUAL CURRENT DEVICES

CIRCUIT DIAGRAM



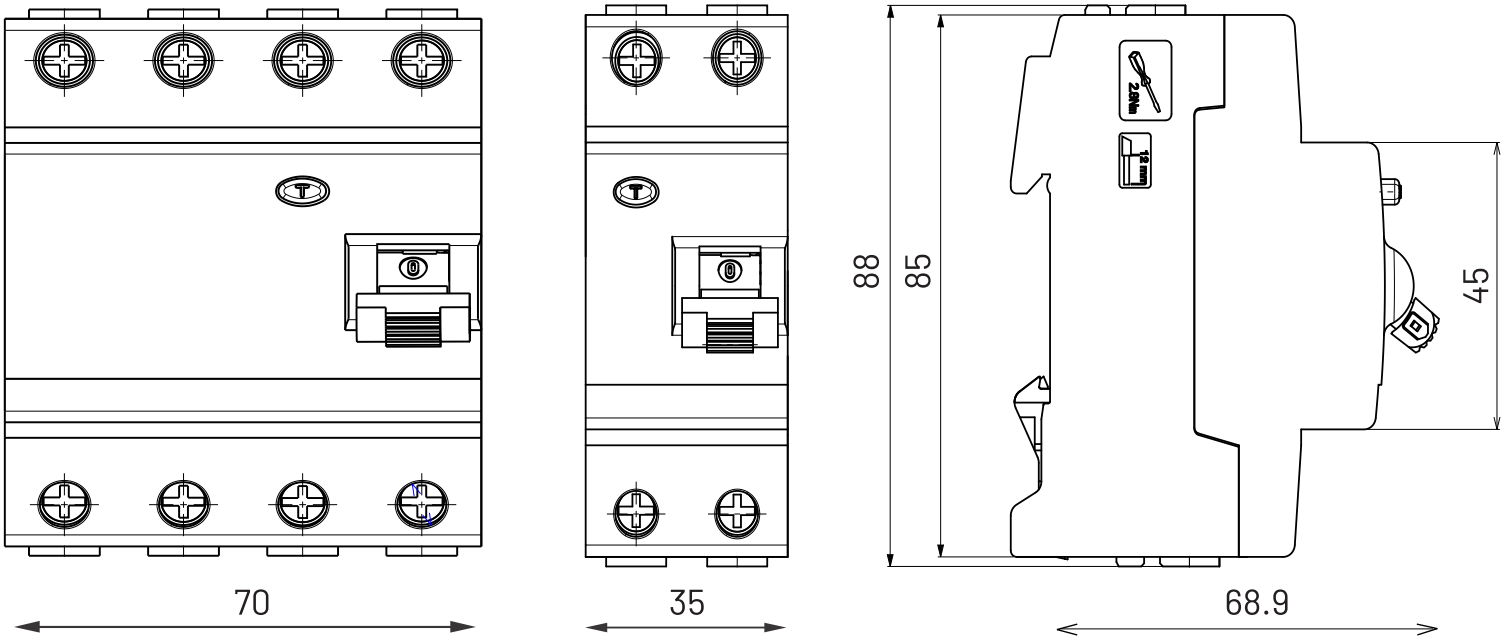
Published on 17 November 2026

DTRCD24030A

NHP DIN-T Residual Current Device RCCB 1 Pole and Switched Neutral 40A 30mA Type A

DIN-T™
RESIDUAL CURRENT DEVICES

DIMENSIONAL DIAGRAM



RELATED PRODUCTS

ACCESSORY



Item No: DTAAXAL

Required: No

Description: NHP DIN-T Accessory Auxiliary/ Alarm 1 Changeover Contact suits DIN-T DTM and DTR



Item No: DTALDC

Required: No

Description: NHP DIN-T Lock Toggle Device 1P/2P MCB



Item No: DTASHT110415V

Required: No

Description: NHP DIN-T Accessory Shunt Trip 110-415 V AC/DC suits DIN-T DTM and DTR



Item No: DTASHT12110V

Required: No

Description: NHP DIN-T Accessory Shunt Trip 12-110 V AC/DC suits DIN-T DTM and DTR



Item No: DTAUVT240V

Required: No

Description: NHP DIN-T Accessory Undervoltage Trip 240 V AC/DC suits DIN-T DTM and DTR



Item No: DTAUVT24V

Required: No

Description: NHP DIN-T Accessory Undervoltage Trip 24 V AC/DC suits DIN-T DTM and DTR



Item No: DTLD

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

Published on 17 November 2026

RELATED PRODUCTS

ACCESSORY



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



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



Item No: DTTAX25PN
Required: No
Description: NHP DIN-T Accessory Terminal Axial Pin 25mm



Item No: DTTAX25SP
Required: No
Description: NHP DIN-T Accessory Terminal Axial Spade 25mm



Item No: DTTAX50PN
Required: No
Description: NHP DIN-T Accessory Terminal Axial Pin 50mm



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



Item No: DTTLT35LPN
Required: No
Description: NHP DIN-T Accessory Terminal Lateral Pin 35mm Long



Item No: DTTLT35PN
Required: No
Description: NHP DIN-T Accessory Terminal Lateral Pin 35mm Short



Item No: ICLTOC
Required: No
Description: NHP DIN-T Miniature Circuit Breaker Busbar Comb Tee Off Cap Strip of 5