

DTRCD4100500A

NHP DIN-T Residual Current Device RCCB 3 Pole and Switched Neutral 100A 500mA Type A



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

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 sensitivities 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.

ELECTRICAL

Number of poles	4
Voltage type	AC
Frequency	50/60 Hz
Rated current	100 A
Leakage current type	A
Rated leakage current	500 mA
Concurrently switching neutral conductor	Yes
Min. service voltage	254 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	10000 A
Selective protection	No
Short-time delayed tripping	No
Electrical life at Un, In (service cycles)	10000 cycles
Rated voltage	415 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	1-35 mm ²
Mechanical life (service cycles)	20000 cycles
Connectable conductor cross section multi-wired	1-25 mm ²

DIMENSIONS

Height	85 mm
Width	70 mm

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DIN-T™
RESIDUAL CURRENT DEVICES

DIMENSIONS

Depth	75 mm
Weight	0.38 kg
Width in number of modular spacings	4

ENVIRONMENT

Operating temperature	70 °C
Rated temperature	-25...70 °C
Storage temperature	70 °C
Pollution degree	2

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: DTLD

Required: No

Description: NHP DIN-T LOCKDIN Locking Device Removable Individual Piece 8mm



Item No: DTALDC

Required: No

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



Item No: DTPF12

Required: No

Description: NHP DIN-T Accessory Pole Filler 12Pole Strip 216mm equals 24 x 9mm Segments



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: DTTAX16PN3

Required: No

Description: NHP DIN-T Miniature Circuit Breaker Terminal 3 Neutral Link suit RCCB



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: DTTAX50PN

Required: No

Description: NHP DIN-T Accessory Terminal Axial Pin 50mm



Item No: DTAUVT240V

Required: No

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



Item No: DTTTLT35LPN

Required: No

Description: NHP DIN-T Accessory Terminal Lateral Pin 35mm Long



Item No: DTAUVT24V

Required: No

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



Item No: DTTTLT35PN

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