DTR6S2530A

NHP DIN-T Residual Current Breaker RCBO 6kA 1 Pole and Switched Neutral 25A C Curve 30mA Type A

DIN-T™
RESIDUAL CURRENT DEVICES

Component type	Earth leakage circuit breaker
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 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.

ELECTRICAL	**Rated current**	25 A
	Rated voltage	240 V
	Rated leakage current	30 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	300 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	Fork and pin
	Isolator application	Yes
	Rated insulation voltage Ui	500 V
	Concurrently switching neutral conductor	Yes
CONSTRUCTION	**Mounting method**	DIN rail
	IP rating	IP40
	Number of protected poles	1
MECHANICAL	**Mechanical life (service cycles)**	20000 cycles
	Disconnection characteristic	Undelayed

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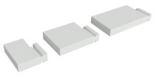
MECHANICAL	Connectable conductor cross section solid-core	1-35 mm²
	Connectable conductor cross section multi-wired	1-25 mm²
	Max. shock duration	5 ms
	Max. shock acceleration	40 g
	Max. vibration frequency, operational	80 Hz
	Max. vibration duration	30 min
DIMENSIONS	Depth	75 mm
	Height	86 mm
	Width	18 mm
	Weight	0.17 kg
	Width in number of modular spacings	1
ENVIRONMENT	Operating temperature	-25…55 °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: DTALBAX
Required: No
Description: NHP DIN-T LOCKDIN Auxliary Filler 9mm, 18mm, 27mm Pack Qty 10 each

Item No: DTALDC
Required: No
Description: NHP DIN-T Lock Toggle Device 1P/2P MCB

Item No: DTALDTRS
Required: No
Description: NHP DIN-T LOCKDIN RCBO LH DTR6S, DTRS

Item No: DTALDTRSRH
Required: No
Description: NHP DIN-T LOCKDIN RCBO RH DTR6S, DTRS

Item No: DTALPF
Required: No
Description: NHP DIN-T Accessory Pole Filler to suit 63mm 3P Strip 54mm 6x9mm Segments

Item No: DTASAUX
Required: No
Description: NHP DIN-T Accessory Auxiliary (Interface) 1 Changeover Contact to suit DTRS & DTR6S

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

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DIN-T™ RESIDUAL CURRENT DEVICES

RELATED PRODUCTS

ACCESSORY

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

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

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: IBC108P
Required: No
Description: NHP DIN-T Miniature Circuit Breaker Bus Comb 8 Way Pin Type 90 Degree 80A End Feed 130A Centre Feed

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

Item No: IBC118P
Required: No
Description: NHP DIN-T Miniature Circuit Breaker Bus Comb 18 Way Pin Type 90 Degree 80A End Feed 130A Centre Feed

Item No: IBC121P
Required: No
Description: NHP DIN-T Miniature Circuit Breaker Bus Comb 21 Way Pin Type 90 Degree 80A End Feed 130A Centre Feed

Item No: IBC155P
Required: No
Description: NHP DIN-T Miniature Circuit Breaker Bus Comb 55 Way Pin Type 90 Degree 80A End Feed 130A Centre Feed

Item No: IBCEC1
Required: No
Description: NHP DIN-T Miniature Circuit Breaker Busbar Comb Endcap for 1Pole IBC

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

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DIN-T™
RESIDUAL CURRENT DEVICES

RELATED PRODUCTS

ACCESSORY

Item No: ICL123
Required: No
Description: NHP DIN-T Miniature Circuit Breaker Busbar Comb 12 Way 3Pole Pin Type 80A End Feed 130A Centre Feed

Item No: ICL153
Required: No
Description: NHP DIN-T Miniature Circuit Breaker Busbar Comb 15 Way 3Pole Pin Type 80A End Feed 130A Centre Feed

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

Item No: ICL183
Required: No
Description: NHP DIN-T Miniature Circuit Breaker Busbar Comb 18 Way 3Pole Pin Type 80A End Feed 130A Centre Feed

Item No: ICL213
Required: No
Description: NHP DIN-T Miniature Circuit Breaker Busbar Comb 21 Way 3Pole Pin Type 80A End Feed 130A Centre Feed

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

Item No: ICL573
Required: No
Description: NHP DIN-T Miniature Circuit Breaker Busbar Comb 57 Way 3Pole Pin Type 80A End Feed 130A Centre Feed

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

Item No: ICLEC23
Required: No
Description: NHP DIN-T Miniature Circuit Breaker Busbar Comb Endcap for 2 and 3Pole ICL and 3 Auxiliary

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

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