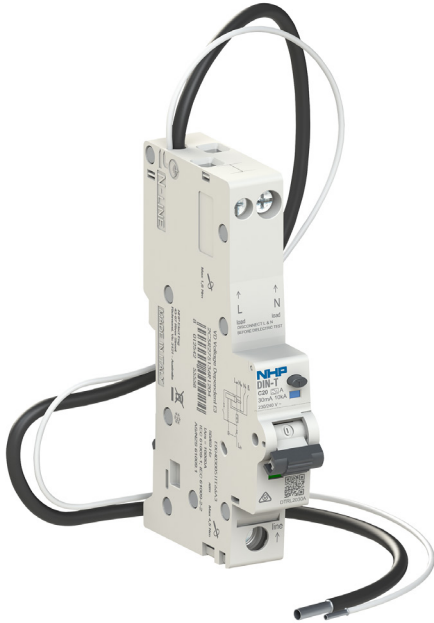


# DTRL1630A

NHP DIN-T Residual Current Breaker RCBO 10kA 1 Pole and Neutral 16A C Curve 30mA Type A (Longbody)



<b>Component type</b>	Earth leakage circuit breaker
<b>Range</b>	DIN-T RCD
<b>Model</b>	N/A
<b>Product status</b>	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	16 A
Rated voltage	240 V
Rated leakage current	30 mA
Frequency	50/60 Hz
Rated short-circuit breaking capacity according to AS/NZS 61009	10 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	184 V
Max. operating voltage (Umax)	264 V
Rated residual make/break capacity	10000 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	No

## CONSTRUCTION

Mounting method	DIN rail
IP rating	IP40
Number of protected poles	1
Mechanical life (service cycles)	20000 cycles
Disconnection characteristic	Undelayed

## MECHANICAL

# DTRL1630A

NHP DIN-T Residual Current Breaker RCBO 10kA 1 Pole and Neutral 16A C Curve 30mA Type A (Longbody)



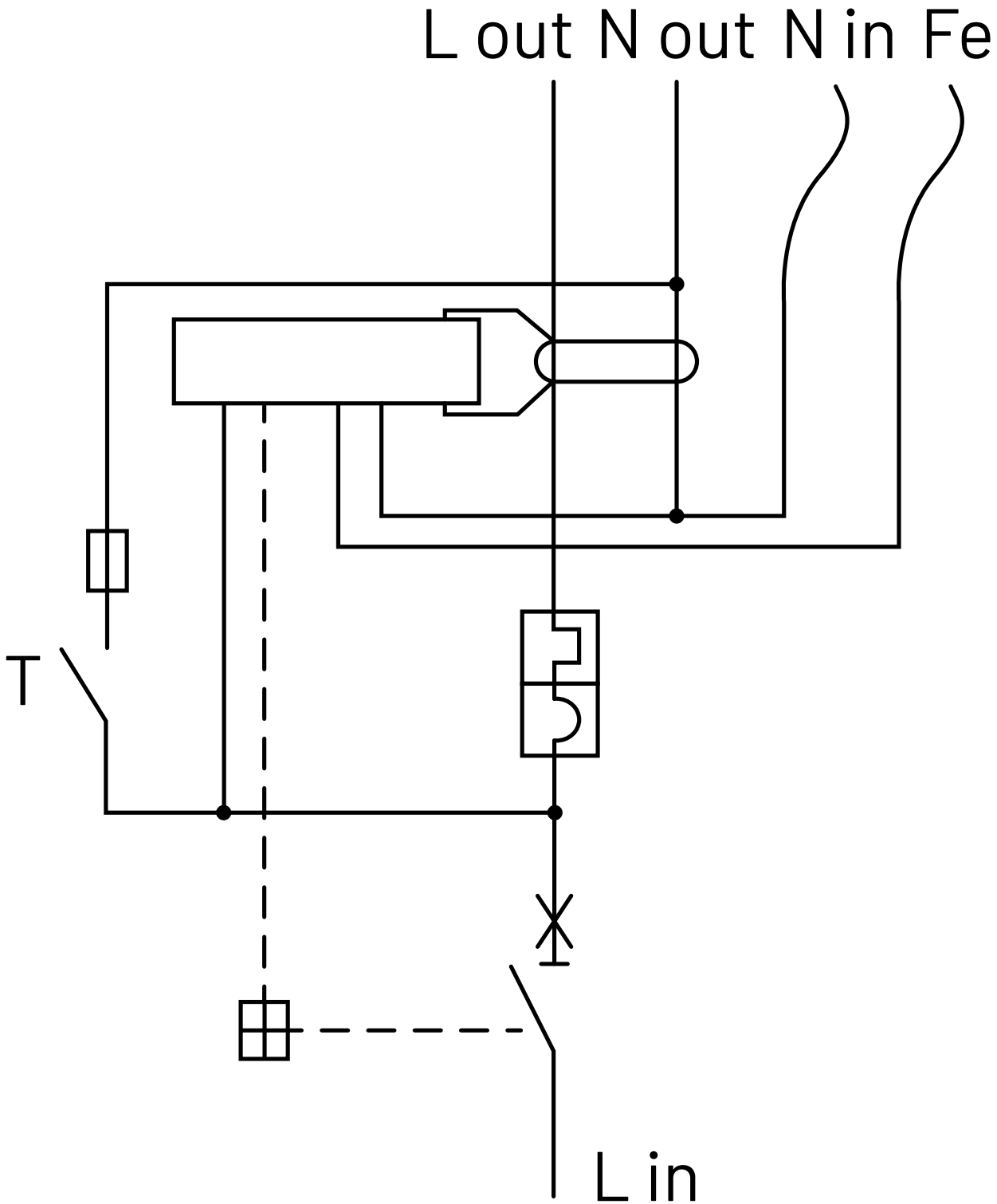
<b>MECHANICAL</b>	Connectable conductor cross section solid-core	1-35 mm <sup>2</sup>
	Connectable conductor cross section multi-wired	1-25 mm <sup>2</sup>
	Max. shock duration	13 ms
	Max. shock acceleration	30 g
<b>DIMENSIONS</b>	Depth	75.8 mm
	Height	117 mm
	Width	17.5 mm
	Weight	0.2 kg
	Width in number of modular spacings	1
<b>ENVIRONMENT</b>	Operating temperature	-25...55 °C

# DTRL1630A

NHP DIN-T Residual Current Breaker RCBO 10kA 1 Pole and Neutral 16A C Curve 30mA Type A (Longbody)



## CIRCUIT DIAGRAM



# DTRL1630A

NHP DIN-T Residual Current Breaker RCBO 10kA 1 Pole and Neutral 16A C Curve 30mA Type A (Longbody)



## RELATED PRODUCTS

### ACCESSORY

	<p><b>Item No:</b> DTAAXAL <b>Required:</b> No <b>Description:</b> NHP DIN-T Accessory Auxiliary/ Alarm 1 Changeover Contact suits DIN-T DTM and DTR</p>		<p><b>Item No:</b> DTASHT110415V <b>Required:</b> No <b>Description:</b> NHP DIN-T Accessory Shunt Trip 110-415 V AC/DC suits DIN-T DTM and DTR</p>
	<p><b>Item No:</b> DTALBAX <b>Required:</b> No <b>Description:</b> NHP DIN-T LOCKDIN Auxiliary Filler 9mm, 18mm, 27mm Pack Qty 10 each</p>		<p><b>Item No:</b> DTASHT12110V <b>Required:</b> No <b>Description:</b> NHP DIN-T Accessory Shunt Trip 12-110 V AC/DC suits DIN-T DTM and DTR</p>
	<p><b>Item No:</b> DTALBPK <b>Required:</b> No <b>Description:</b> NHP DIN-T LOCKDIN Blank Module DTM6, 10, DC, 6RL &amp; RL Pack Qty 10</p>		<p><b>Item No:</b> DTAUVT240V <b>Required:</b> No <b>Description:</b> NHP DIN-T Accessory Undervoltage Trip 240 V AC/DC suits DIN-T DTM and DTR</p>
	<p><b>Item No:</b> DTALDC <b>Required:</b> No <b>Description:</b> NHP DIN-T Lock Toggle Device 1P/2P MCB</p>		<p><b>Item No:</b> DTAUVT24V <b>Required:</b> No <b>Description:</b> NHP DIN-T Accessory Undervoltage Trip 24 V AC/DC suits DIN-T DTM and DTR</p>
	<p><b>Item No:</b> DTALDT <b>Required:</b> No <b>Description:</b> NHP DIN-T LOCKDIN MCB/ RCBO LH DTM6, 10, DC, 6RL &amp; RL</p>		<p><b>Item No:</b> DTLD <b>Required:</b> No <b>Description:</b> NHP DIN-T LOCKDIN Locking Device Removable Individual Piece 8mm</p>
	<p><b>Item No:</b> DTALDTPK <b>Required:</b> No <b>Description:</b> NHP DIN-T LOCKDIN MCB/ RCBO LH DTM6, 10, DC, 6RL &amp; RL Pack Qty 10</p>		<p><b>Item No:</b> DTPF12 <b>Required:</b> No <b>Description:</b> NHP DIN-T Accessory Pole Filler 12Pole Strip 216mm equals 24 x 9mm Segments</p>
	<p><b>Item No:</b> DTALDTRH <b>Required:</b> No <b>Description:</b> NHP DIN-T LOCKDIN MCB/ RCBO RH DTM6, 10, DC, 6RL &amp; RL</p>		<p><b>Item No:</b> DTT9025PN <b>Required:</b> No <b>Description:</b> NHP DIN-T Miniature Circuit Breaker Terminal Insulated 90 Degrees 25mm Pin</p>
	<p><b>Item No:</b> DTALDTRHPK <b>Required:</b> No <b>Description:</b> NHP DIN-T LOCKDIN MCB/ RCBO RH DTM6, 10, DC, 6RL &amp; RL Pack Qty 10</p>		<p><b>Item No:</b> DTTAX25PN <b>Required:</b> No <b>Description:</b> NHP DIN-T Accessory Terminal Axial Pin 25mm</p>
	<p><b>Item No:</b> DTALPF <b>Required:</b> No <b>Description:</b> NHP DIN-T Accessory Pole Filler to suit 63mm 3P Strip 54mm 6x9mm Segments</p>		<p><b>Item No:</b> DTTAX25SP <b>Required:</b> No <b>Description:</b> NHP DIN-T Accessory Terminal Axial Spade 25mm</p>

# DTRL1630A

NHP DIN-T Residual Current Breaker RCBO 10kA 1 Pole and Neutral 16A C Curve 30mA Type A (Longbody)



## RELATED PRODUCTS

### ACCESSORY



**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:** 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:** 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:** 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:** 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

