DSRCBT40100A

NHP DIN-T Residual Current Device Long Body w/ Overcurrent 10kA 40A 3Pole and N C Curve 100mA Type A

DIN-T™
RESIDUAL CURRENT DEVICES



Component type	Earth leakage circuit breaker
Range	DIN-T RCD
Model	N/A
Alternative	DTRT40100A

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**	40 A
	Rated voltage	415 V
	Rated leakage current	100 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	204 V
	Max. operating voltage (Umax)	457 V
	Rated residual make/break capacity	6000 A
	Protected neutral pole	No
	Number of poles (total)	4
	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	No
CONSTRUCTION	**Mounting method**	DIN rail (top hat rail) 35 mm
	IP rating	IP20
	Number of protected poles	3
MECHANICAL	**Mechanical life (service cycles)**	20000 cycles
DIMENSIONS	**Depth**	71.6 mm
	Height	117.5 mm

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DIMENSIONS	Width	53.4 mm
	Weight	0.55 kg
ENVIRONMENT	Operating temperature	-5…55 °C

CURRENT TEMPERATURE RATING DIAGRAM

Temperature (°C)		-5	0	5	10	15	20	25	30	35	40	45	50	55
Current (A)	6	7.08	6.94	6.79	6.65	6.49	6.33	6.16	6.00	5.80	5.61	5.48	5.29	5.10
	10	11.15	10.99	10.85	10.68	10.52	10.35	10.18	10.00	9.82	9.64	9.46	9.24	9.06
	16	18.26	17.98	17.68	17.33	17.12	16.58	16.33	16.00	15.68	15.26	14.91	14.52	14.16
	20	22.98	22.49	22.09	21.68	21.26	20.86	20.43	20.00	19.58	19.11	18.68	18.12	17.58
	25	27.95	27.58	27.19	26.82	26.31	25.95	25.46	25.00	24.56	24.08	23.54	23.18	22.66
	32	36.68	36.02	35.42	34.78	34.15	33.45	32.73	32.00	31.28	30.55	29.81	28.98	28.12
	40	45.22	44.56	43.78	43.05	42.33	41.56	40.77	40.00	39.19	38.35	37.46	36.66	35.74
	50	56.18	55.38	54.59	53.65	52.86	51.83	50.92	50.00	49.01	48.05	46.95	45.93	45.03
	63	71.15	70.05	68.91	67.81	66.62	65.33	64.18	63.00	61.80	60.52	58.74	57.33	55.91

RELATED PRODUCTS

ACCESSORY



Item No: DTLD

Required: No

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

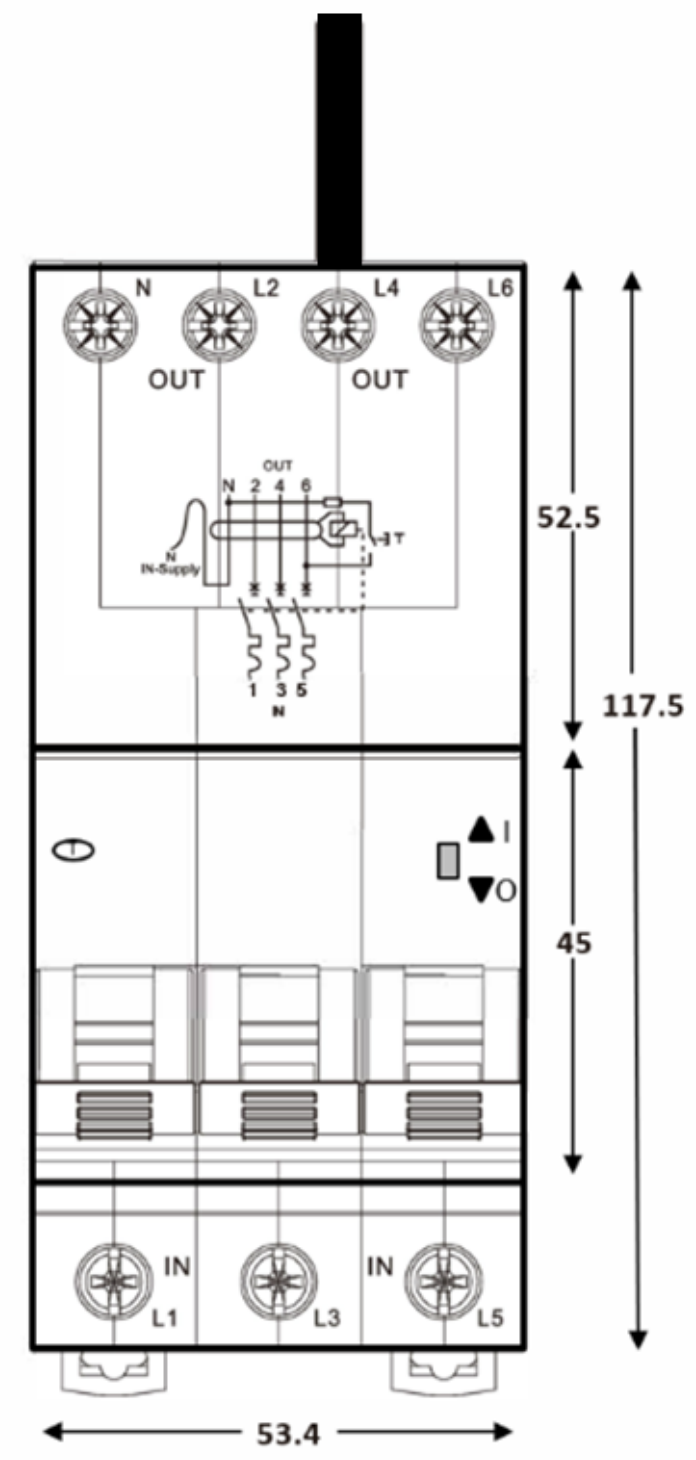
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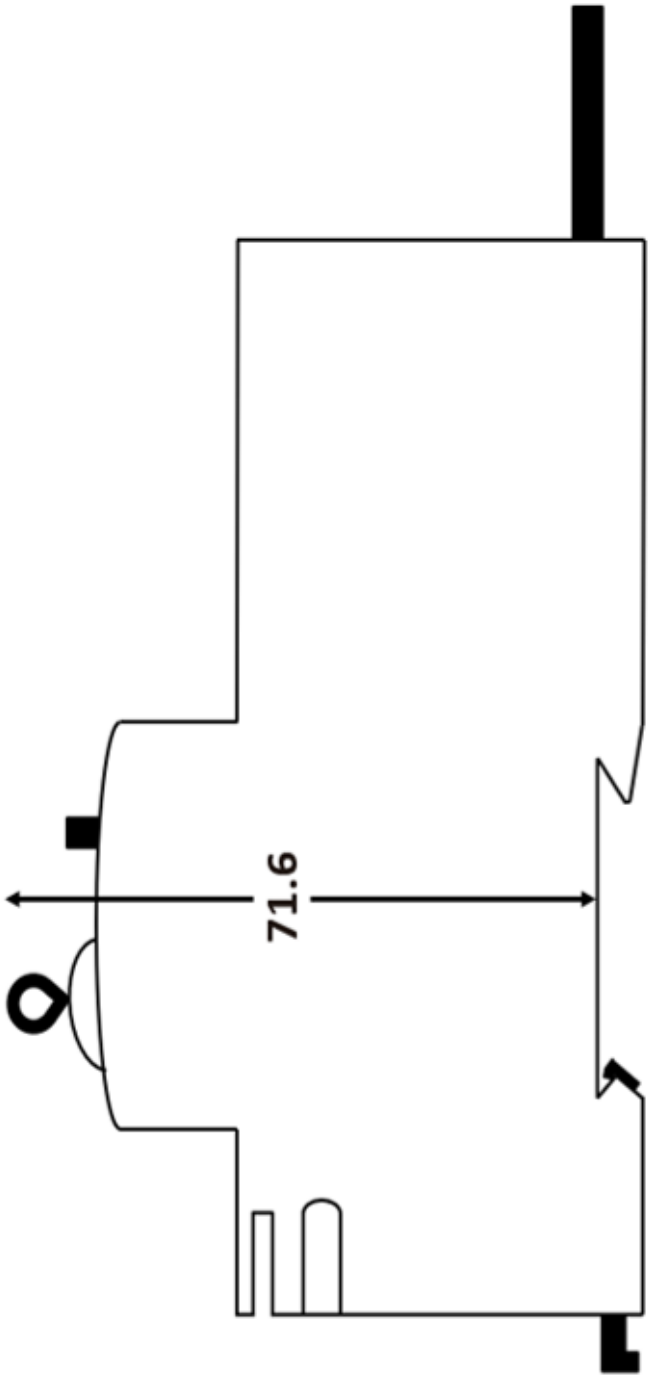
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DIMENSIONAL DIAGRAM





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