

# DTMDC140C

NHP DIN-T Miniature Circuit Breaker MCB DC 10kA 1 Pole 40A  
C Curve



<b>Component type</b>	Miniature circuit breaker (MCB)
<b>Range</b>	MOD6+ Residual Current Devices
<b>Model</b>	N/A
<b>Product status</b>	New Item

NHP MOD6+ residual current devices (RCDs) offer a 6kA rating with a proven history in domestic and commercial applications. The MOD6+ RCD range offers many solutions for both 1 phase in 10mA and 30mA sensitivities as well as 3 phase in 30mA sensitivities. The MOD6+ RCDs can be easily installed into NHP loadcenters, as well as MOD6+ RCBOs into MOD6+ distribution Panelboards.

## ELECTRICAL

Rated current	40 A
Number of poles (total)	1
Trip curve	C
Rated voltage	220 V
Frequency	50-60 Hz
Voltage type	DC
Service voltage $U_b$ , AC	12 V
Service voltage $U_b$ , DC	12 V
Nominal operating voltage $U_n$ , AC	240 V
Nominal operating voltage $U_n$ , DC	220 V
Rated short-circuit breaking capacity $I_{cn}$ according to AS/NZS 60898 at 230 VAC	10 kA
Rated short-circuit breaking capacity $I_{cn}$ according to AS/NZS 60898 at 400 VAC	10 kA
Rated short-circuit breaking capacity $I_{cu}$ according to AS/NZS 60947-2 at 230 VAC	10 kA
Max. rated operation voltage $U_e$	250 V
Rated insulation voltage $U_i$	440 V
Rated impulse withstand voltage $U_{imp}$	4 kV

## CONSTRUCTION

Additional equipment possible	Yes
Number of protected poles	1
Degree of protection (IP)	IP40

## MECHANICAL

Connectable conductor cross section solid-core	0.75-35 mm <sup>2</sup>
Connectable conductor cross section multi-wired	0.75-25 mm <sup>2</sup>

## DIMENSIONS

Height	85 mm
Width	17.5 mm

# DTMDC140C

NHP DIN-T Miniature Circuit Breaker MCB DC 10kA 1 Pole 40A  
C Curve



<b>DIMENSIONS</b>	Depth	75.8 mm
	Width in number of modular spacings	1
	Weight	0.2 kg
<b>ENVIRONMENT</b>	Pollution degree	3
	Rated surrounding temperature without derating	30 °C
	Ambient temperature during operating	-25...70 °C