DTM6340C

NHP DIN-T Miniature Circuit Breaker MCB 6kA 3 Pole 40A C Curve





Component type	Miniature circuit breaker (MCB)	
Range	MOD6+ Residual Current Devices	
Model	N/A	
Product status	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.

Number of poles (total) 3		Rated current	40 A
Rated voltage	ELECTRICAL	Number of poles (total)	3
Frequency		Trip curve	С
Voltage type		Rated voltage	415 V
Service voltage Ub, AC		Frequency	50-60 Hz
Service voltage Ub, DC		Voltage type	DC
Nominal operating voltage Un, DC		Service voltage Ub, AC	12 V
Rated short-circuit breaking capacity Icn according to AS/NZS 60898 at 230 VAC Rated short-circuit breaking capacity Icn according to AS/NZS 60898 at 400 VAC Rated short-circuit breaking capacity Icu according to AS/NZS 608947-2 at 230 VAC Rated short-circuit breaking capacity Icu according to AS/NZS 60947-2 at 230 VAC Rated short-circuit breaking capacity Icu according to AS/NZS 60947-2 at 400 VAC Max. rated operation voltage Ue Rated insulation voltage Ui Rated impulse withstand voltage Uimp 4 kV Rounder of protected poles Degree of protection (IP) Number of protected poles Degree of protection (IP) P40 Connectable conductor cross section solid-core Connectable conductor cross section multi-wired Height 85 mm		Service voltage Ub, DC	12 V
Rated short-circuit breaking capacity Icn according to AS/NZS 60898 at 230 VAC 6 kA		Nominal operating voltage Un, DC	125 V
According to AS/NZS 60898 at 400 VAC		Rated short-circuit breaking capacity Icn according to AS/NZS 60898 at 230 VAC	6 kA
According to AS/NZS 60947-2 at 230 VAC Rated short-circuit breaking capacity Icu according to AS/NZS 60947-2 at 400 VAC Max. rated operation voltage Ue Rated insulation voltage Ui Rated impulse withstand voltage Uimp 4 kV CONSTRUCTION Number of protected poles Degree of protection (IP) Degree of protection (IP) Connectable conductor cross section solid-core Connectable conductor cross section multiwired Height 85 mm		Rated short-circuit breaking capacity Icn according to AS/NZS 60898 at 400 VAC	6 kA
According to AS/NZS 60947-2 at 400 VAC Max. rated operation voltage Ue 440 V Rated insulation voltage Ui 440 V Rated impulse withstand voltage Uimp 4 kV Number of protected poles 3 Degree of protection (IP) IP40 Connectable conductor cross section solid-core Connectable conductor cross section multiwired 0.75-35 mm² Height 85 mm		Rated short-circuit breaking capacity Icu according to AS/NZS 60947-2 at 230 VAC	10 kA
Rated insulation voltage Ui 440 V Rated impulse withstand voltage Uimp 4 kV Number of protected poles 3 Degree of protection (IP) IP40 Connectable conductor cross section solid-core Connectable conductor cross section multiwired 0.75-35 mm² Height 85 mm		Rated short-circuit breaking capacity Icu according to AS/NZS 60947-2 at 400 VAC	10 kA
Rated impulse withstand voltage Uimp 4 kV Number of protected poles 3 Degree of protection (IP) IP40 Connectable conductor cross section solid-core Connectable conductor cross section multiwired 0.75-35 mm² Height 85 mm		Max. rated operation voltage Ue	440 V
Number of protected poles 3 Degree of protection (IP) IP40 MECHANICAL Connectable conductor cross section solid-core 0.75-35 mm² Connectable conductor cross section multiwired 0.75-35 mm² Height 85 mm		Rated insulation voltage Ui	440 V
CONSTRUCTION Degree of protection (IP) IP40 MECHANICAL Connectable conductor cross section solid-core 0.75-35 mm² Connectable conductor cross section multiwired 0.75-35 mm² Height 85 mm		Rated impulse withstand voltage Uimp	4 kV
Degree of protection (IP) Connectable conductor cross section solid- core Connectable conductor cross section multi- wired Height Degree of protection (IP) IP40 0.75-35 mm² 0.75-35 mm² 85 mm	CONSTRUCTION	Number of protected poles	3
MECHANICAL Core 0.75-35 min Core 0.75-35 min Core Connectable conductor cross section multiwired 0.75-35 mm ² Height 85 mm		Degree of protection (IP)	IP40
Connectable conductor cross section multiwired Height 0.75-35 mm ² 85 mm	MECHANICAL		0.75-35 mm ²
			0.75-35 mm ²
	DIMENSIONS	Height	85 mm
DIMENSIONS Width 52.5 mm		Width	52.5 mm
Depth 75 mm		Depth	75 mm

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DIMENSIONS	Width in number of modular spacings	3
	Weight	345 kg
ENVIRONMENT	Pollution degree	3
	Rated surrounding temperature without derating	30 °C
	Ambient temperature during operating	-2555 °C