

DTM6350C

NHP DIN-T Miniature Circuit Breaker MCB 6kA 3 Pole 50A 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.

ELECTRICAL

Rated current	50 A
Number of poles (total)	3
Trip curve	C
Rated voltage	415 V
Frequency	50-60 Hz
Voltage type	DC
Service voltage Ub, AC	12 V
Service voltage Ub, DC	12 V
Nominal operating voltage Un, DC	125 V
Rated short-circuit breaking capacity Icn according to AS/NZS 60898 at 230 VAC	6 kA
Rated short-circuit breaking capacity Icn according to AS/NZS 60898 at 400 VAC	6 kA
Rated short-circuit breaking capacity Icu according to AS/NZS 60947-2 at 230 VAC	10 kA
Rated short-circuit breaking capacity Icu according to AS/NZS 60947-2 at 400 VAC	10 kA
Max. rated operation voltage Ue	440 V
Rated insulation voltage Ui	440 V
Rated impulse withstand voltage Uimp	4 kV

CONSTRUCTION

Number of protected poles	3
Degree of protection (IP)	IP40

MECHANICAL

Connectable conductor cross section solid-core	0.75-35 mm ²
Connectable conductor cross section multi-wired	0.75-35 mm ²

DIMENSIONS

Height	85 mm
Width	52.5 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	-25...55 °C