

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.

ELECTRICAL

| | |
|----------------------------------------------------------------------------------|----------|
| Rated current | 40 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 |