

NOARK

# M2GH250T3L

MCCB / ELCB - 1102646 - M2 frame - 3P3d - 250A rated - lug connections - 480Vac - 100kA

Molded/Moulded Case Circuit Breaker (MCCB) with embedded earth leakage protection / ELCB - NOARK (Ex9M2G series) - 3-poles (3P3d) - Rated current 250A - Ground fault protection - Interrupting capacity 100kA (480Vac) - Lugs on both load and line sides - Thermal-Magnetic (fixed) (FT/AM (Fixed Thermal / Adjustable Magnetic)) trip unit - equivalent to 1102646

## Additional information

The technical information provided in the datasheet is subject to change without notice. For confirmation, please contact NOARK's product support team.

## Specifications

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|---|---|
| **Primary brand** | NOARK |
| **Main function** | Moulded Case Circuit Breaker (MCCB) with embedded earth leakage protection / ELCB |
| **Product series / family name** | Electrical protection > Circuit breakers > AC Moulded Case Circuit Breakers (MCCBs) |
| **Sub-range name** | Ex9M2G series |
| **Functions** | Molded/Moulded Case Circuit Breaker (MCCB) with embedded earth leakage protection / ELCB |
| **Poles** | 3-poles (3P3d) |
| **Rated current** | 250A |
| **Trip current rating** | 250 AT |
| **Frame current rating** | 250 AF |
| **Rated voltage (AC)** | 480Vac |
| **Connection type** | Lugs on both load and line sides |
| **Short circuit breaking rating** | 100kA (240Vac)<br>100kA (480Vac) |
| **Trip unit type** | Technology = Thermal-Magnetic (fixed)<br>Series = FT/AM (Fixed Thermal / Adjustable Magnetic) |

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|---|---|
| **Protection functions** | Ground fault protection<br>Fixed thermal protection (Overload)<br>Adjustable threshold magnetic protection (Short-circuit) |
| **Protection settings** | Protection against thermal overload -- fixed at 250A<br>Magnetic instantaneous protection against short-circuit -- adjustable 5...10 x In (1250A...2500A)<br>Protection against earth fault -- adjustable at 0.03/0.1/0.3/1 x In (7.5/25/75/250A) (with 0.1/0.3/0.5/1s time delay) |
| **Dimensions** | H257mm x W105mm x D88mm<br>H10.12" x W4.13" x D3.47" |
| **Order code / Manufacturer SKU** | M2GH250T3L<br>1102646 |
| **Manufacturer product status** | Commercialized |
| **Equivalent to** | 1102646 |

## Benefits

Product Overview
M2G is a 3-pole molded case circuit breaker with equipment ground fault protection.
It operates trip free and can be manually reset.
When the breaker is tripped, the handle moves to the tripped position.
The breaker can be line and load reverse connected.
It is intended to provide overcurrent, short circuit protection and ground fault protection where feed/branch circuit overcurrent protection is required.
It can receive bus bars and/or cables.

Tripping Unit
The breaker is designed to be thermally fixed and be magnetically adjustable from 5 to 10 times the rated current for breakers rated 175 to 250A, and magnetically adjustable from 7 to 12 times for breakers rated 100 to 150 A.
The earth leakage module setting is intended for the protection of equipment

## Documents

NOARK - M2G MCCB - Catalog.pdf

Access to all NOARK drawings

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