


NOARK

# M3H250EM3L

MCCB - 1103386 - Electronic (LSIG) - UL489 - 3P3d - 250A rated - lug connections - 600Vac - EM LCD trip unit

Moulded Case Circuit Breaker (MCCB) with EM LCD trip unit - UL489 listed - NOARK (Ex9M3E series) - 3-poles (3P3d) - Rated current 250A - Interrupting capacity 100kA (480Vac) - Lugs on both load and line sides - Electronic (Series 4.0 (LSIG)) trip unit - equivalent to 1103386

## Specifications

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|---|---|
| **Primary brand** | NOARK |
| **Main function** | Moulded Case Circuit Breaker (MCCB) |
| **Product series / family name** | Electrical protection > Circuit breakers > AC Moulded Case Circuit Breakers (MCCBs) |
| **Sub-range name** | Ex9M3E series |
| **Functions** | Moulded Case Circuit Breaker (MCCB) |
| **Design** | EM LCD trip unit |
| **Poles** | 3-poles (3P3d) |
| **Frequency** | 50/60Hz |
| **Rated current** | 250A |
| **Trip current rating** | 250 AT |
| **Frame current rating** | 400 AF |
| **Rated voltage (AC)** | 600Vac |
| **Rated impulse voltage (Uimp)** | 8 kV |
| **Rated insulation voltage (Ui)** | 800 V |
| **Connection type** | Lugs on both load and line sides |
| **Short circuit breaking rating** | 150kA (240Vac)<br>100kA (480Vac)<br>30kA (600Vac) |
| **Trip unit type** | Technology = Electronic<br>Series = Series 4.0 (LSIG)<br>Protection = LSIG |

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|---|---|
| **Protection functions** | L (Long-time protection)<br>S (Short-time protection with fixed time delay)<br>I (Instantaneous protection)<br>G (Ground fault protection) |
| **Protection settings** | L - Protection against overload -- adjustable OFF/0.4...1 x In (100A...250A) (with 3...18s adjustable time setting at 6 x Ir) (1A step)<br>S - Protection against short-circuit with time delay -- adjustable OFF/1.5...10 x Ir (375A...2500A) (0.1...0.4s time delay)<br>I - Instantaneous protection against short-circuit -- adjustable OFF/2...12 x In (500A...3000A)<br>G - Protection against earth fault -- adjustable at 0.4/0.5/0.6/0.7/0.8/0.9/1 x In (100A...250A) (0.1...0.4s time delay) |
| **Dimensions** | H285mm x W140mm x D126mm |
| **Ambient air temperature for operation** | -40˚C...+70 ˚C |
| **Utilisation category** | B |
| **Order code / Manufacturer SKU** | M3H250EM3L<br>1103386 |
| **Manufacturer product status** | Commercialized |
| **Equivalent to** | 1103386 |
| **Compliant with standard(s)** | UL489 listed<br>UL<br>GB/T 14048.2<br>IEC/EN 60947-2<br>CE marking<br>CCC |
| **Electrical durability** | 1000 hours |
| **Mechanical durability** | 8000 hours |

## Benefits

Features
- Compliant with UL489, GB/T 14048.2, IEC/EN 60947-2 standards, with UL, CCC, and CE certifications.
- Equipped with an electronic trip unit (EN Dip Switch / EM LCD), featuring a variety of protective characteristics to adapt to different working conditions.
- Rated working voltage covers AC 240/480/600V, with a rated insulation voltage of 800V, and diverse breaking capacities.
- Suitable for continuous operation at 100%.
- A variety of accessories are available, such as auxiliary alarm switch, shunt trip, under-voltage trip, and motor operator, to meet different requirements.

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