

NOARK

# E12-XNM3N400T3L

Enclosed breaker - UL489 - M3 frame - 3P3d - 400A rated - 3-wires - 65kA at 480Vac - NEMA 12

Enclosed Moulded Case Circuit Breaker (MCCB) - UL489 listed - NOARK (Ex9M3 series) - 3-poles (3P3d) - Rated current 400A - Interrupting capacity 65kA (480Vac) - Lugs on both load and line sides (3-wires) - Thermal-Magnetic (adjustable) (AT/AM (Adjustable Thermal / Adjustable Magnetic)) trip unit - NEMA 12 - equivalent to E12XNM3N400T3L

## 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) |
| **Product series / family name** | Electrical protection > Circuit breakers > Enclosed Moulded Case Circuit Breakers (MCCBs) |
| **Sub-range name** | Ex9M3 series |
| **Functions** | Enclosed Moulded Case Circuit Breaker (MCCB) |
| **Poles** | 3-poles (3P3d) |
| **Rated current** | 400A |
| **Trip current rating** | 400 AT |
| **Frame current rating** | 400 AF |
| **Rated operating voltage (Ue)** | (IEC) 690 V |
| **Rated Voltage (DC)** | 600Vdc |
| **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 (3-wires) |

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|---|---|
| **Short circuit breaking rating** | 100kA (240Vac)<br>65kA (480Vac)<br>25kA (600Vac)<br>50kA (600Vdc) |
| **Ultimate short circuit current breaking capacity (Icu)** | 100kA (220/240Vac)<br>100kA (380/415Vac)<br>15kA (660/690Vac)<br>50kA (500Vdc) |
| **Trip unit type** | Technology = Thermal-Magnetic (adjustable)<br>Series = AT/AM (Adjustable Thermal / Adjustable Magnetic) |
| **Protection functions** | Adjustable thermal protection (Overload)<br>Adjustable threshold magnetic protection (Short-circuit) |
| **Protection settings** | Protection against thermal overload -- adjustable 0.8...1 x In (320A...400A)<br>Magnetic instantaneous protection against short-circuit -- adjustable 5...10 x In (2000A...4000A) |
| **Degree of protection** | NEMA 12 |
| **Ambient air temperature for operation** | -25˚C...+70 ˚C |
| **Contents** | 1 x MCCB M3N400T3L<br>1 x X400-600Type 12 |
| **Utilisation category** | A |
| **Order code / Manufacturer SKU** | E12-XNM3N400T3L |
| **Manufacturer product status** | Commercialized |
| **Equivalent to** | E12XNM3N400T3L |
| **Compliant with standard(s)** | UL489 listed |
| **Electrical durability** | 5000 hours |
| **Mechanical durability** | 8000 hours |

## Documents

NOARK - MCCB MCP MCS Ex9 series-M - Catalog.pdf

Access to all NOARK drawings

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