

## INDUSTRIAL COMPONENT DATA

# NZMN3-ME450 284468 Y7-284468 EATON ELECTRIC

## Circuit-breaker, 3p, 450A

Brand: EATON - MOELLER | Manufacturer Part Number: NZMN3-ME450



|                 |                                  |
|-----------------|----------------------------------|
| Manufacturer    | EATON - MOELLER                  |
| MPN / Reference | NZMN3-ME450                      |
| Catalog number  | Y7-284468                        |
| Category        | Motor protection circuit-breaker |
| Minimum order   | 1 Pcs                            |
| Document ID     | EO-6D98B50541                    |
| Generated       | 2026-08-04                       |

### Product Overview

Circuit-breaker, 3p, 450A

NZMN3-ME450

Eaton Moeller series NZM - Molded Case Circuit Breaker. Circuit-breaker, 3p, 450A, NZMN3-ME450

Circuit-breakers of the NZM...-ME series cover all applications with only four compact sizes and are suitable for the IEC market. The mounting is always flexible due to the modular function groups. With electronic release for the motor protection with phase failure sensitivity. Notes: IEC/EN 60947-4-1, IEC/EN 60947-2, r.m.s. value measurement and thermal memory, adjustable time delay setting to overcome current peaks  $t_r:2-20$  at  $6 \times I_r$  as well as infinity (without overload release)

## STRUCTURED PRODUCT DATA

### Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

### Classification & Catalog Path

Catalog path EATON - MOELLER &gt; Circuit Breakers NZM

### Additional Product Information

## General specifications

Product Name Eaton Moeller series NZM molded case circuit breaker electronic Catalog Number 284468 Model Code NZMN3-ME450 EAN 4015082844684 Product Length/Depth 166 mm Product Height 275 mm Product Width 140 mm Product Weight 7.07 kg Compliances RoHS conform Certifications IEC/EN 60947

## IEC Product specifications

Type Circuit breaker Special features Application Use in unearthed supply systems at 690 V Amperage Rating 450 A Voltage rating 690 V - 690 V Circuit breaker frame type NZM3 10.10 Temperature rise The panel builder is responsible for the temperature rise calculation. Eaton will provide heat dissipation data for the devices. 10.11 Short-circuit rating Is the panel builder's responsibility. The specifications for the switchgear must be observed. 10.12 Electromagnetic compatibility Is

the panel builder's responsibility. The specifications for the switchgear must be observed. 10.13 Mechanical function The device meets the requirements, provided the information in the instruction leaflet (IL) is observed. 10.2.2 Corrosion resistance Meets the product standard's requirements. 10.2.3.1 Verification of thermal stability of enclosures Meets the product standard's requirements. 10.2.3.2 Verification of resistance of insulating materials to normal heat Meets the product standard's requirements. 10.2.3.3 Resist. of insul. mat. to abnormal heat/fire by internal elect. effects Meets the product standard's requirements. 10.2.4 Resistance to ultra-violet (UV)....

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / NZMN3-ME450 with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://electricaonline.com/request-quote).

### GLOBAL OFFICES

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

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