

## INDUSTRIAL COMPONENT DATA

# NZMH3-ME450-AVE 110857 Y7-110857 EATON ELECTRIC Circuit-breaker, 3p, 450A, withdrawable unit

Brand: EATON - MOELLER | Manufacturer Part Number: NZMH3-ME450-AVE



|                 |                                  |
|-----------------|----------------------------------|
| Manufacturer    | EATON - MOELLER                  |
| MPN / Reference | NZMH3-ME450-AVE                  |
| Catalog number  | Y7-110857                        |
| Category        | Motor protection circuit-breaker |
| Minimum order   | 1 Pcs                            |
| Document ID     | EO-E3B3660DD3                    |
| Generated       | 2026-08-05                       |

## Product Overview

Circuit-breaker, 3p, 450A, withdrawable unit

NZMH3-ME450-AVE

Eaton Moeller series NZM - Molded Case Circuit Breaker. Circuit-breaker, 3p, 450A, withdrawable unit, H3-ME450-AVE  
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 > Circuit Breakers NZM

## Additional Product Information

### General specifications

Product Name Eaton Moeller series NZM molded case circuit breaker electronic Catalog Number 110857 Model Code NZMH3-ME450-AVE EAN 4015081103867 Product Length/Depth 260 mm Product Height 346 mm Product Width 185 mm Product Weight 17.34 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 Accessories required NZM3-XAVS 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.

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## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / NZMH3-ME450-AVE 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

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