

## INDUSTRIAL COMPONENT DATA

# NZMH3-S500 109687 Y7-109687 EATON ELECTRIC Circuit breaker NZM, 3P, 500A

Brand: EATON - MOELLER | Manufacturer Part Number: NZMH3-S500



|                 |                                  |
|-----------------|----------------------------------|
| Manufacturer    | EATON - MOELLER                  |
| MPN / Reference | NZMH3-S500                       |
| Catalog number  | Y7-109687                        |
| Category        | Motor protection circuit-breaker |
| Minimum order   | 1 Pcs                            |
| Document ID     | EO-3DF10BD5A6                    |
| Generated       | 2026-08-06                       |

## Product Overview

Circuit breaker NZM, 3P, 500A

NZMH3-S500

Eaton Moeller series NZM - Molded Case Circuit Breaker. Circuit-breaker, 3p, 500A, H, 3

Series NZM..S circuit-breakers cover all application cases with just four compact sizes and are suitable for the IEC market. Modular function groups always make mounting flexible. With magnetic short-circuit release in connection with overload relay. With short-circuit release without overload trip. Notes: circuit-breakers fulfill all requirements of the switching category AC-3.

## 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 magnetic Catalog Number 109687 Model Code NZMH3-S500 EAN 4015081092734 Product Length/Depth 166 mm Product Height 275 mm Product Width 140 mm Product Weight 5.8 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 500 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) radi...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / NZMH3-S500 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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