

## INDUSTRIAL COMPONENT DATA

# NZMH1-S100 284440 Y7-284440 EATON ELECTRIC

## Circuit-breaker, 3p, 100A

Brand: EATON - MOELLER | Manufacturer Part Number: NZMH1-S100



|                 |                                  |
|-----------------|----------------------------------|
| Manufacturer    | EATON - MOELLER                  |
| MPN / Reference | NZMH1-S100                       |
| Catalog number  | Y7-284440                        |
| Category        | Motor protection circuit-breaker |
| Minimum order   | 1 Pcs                            |
| Document ID     | EO-6C829684ED                    |
| Generated       | 2026-08-03                       |

### Product Overview

Circuit-breaker, 3p, 100A

NZMH1-S100

Eaton Moeller series NZM - Molded Case Circuit Breaker. Circuit-breaker, 3p, 100A, H1-S100

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 284440 Model Code NZMH1-S100 EAN 4015082844400 Product Length/Depth 84.5 mm Product Height 145 mm Product Width 90 mm Product Weight 1.046 kg Compliances RoHS conform Certifications IEC

## IEC/EN 60947 Product specifications

Type Circuit breaker Special features Application Use in unearthed supply systems at 690 V Amperage Rating 100 A Voltage rating 690 V - 690 V Circuit breaker frame type NZM1 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) ra...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / NZMH1-S100 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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.