

INDUSTRIAL COMPONENT DATA

NZMN2-ME90-BT-NA 142421 Y7-142421 EATON ELECTRIC

Circuit-breaker, 3p, 90A, box terminals

Brand: EATON - MOELLER | Manufacturer Part Number: NZMN2-ME90-BT-NA



Manufacturer	EATON - MOELLER
MPN / Reference	NZMN2-ME90-BT-NA
Catalog number	Y7-142421
Category	Motor protection circuit-breaker
Minimum order	1 Pcs
Document ID	EO-9C1B5F75E2
Generated	2026-08-05

Product Overview

Circuit-breaker, 3p, 90A, box terminals

NZMN2-ME90-BT-NA

Eaton Moeller series NZM - Molded Case Circuit Breaker. Circuit-breaker, 3p, 90A, box terminals, N2-ME90-BT-NA

Circuit-breakers of the NZM...-ME...NA 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: switches conform to UL/CSA as well as the IEC regulations. IEC switching performance values are contained on the rating plate. 100% rated. For use in motor circuits with contactor. additional motor protective characteristics (calibration) to UL508, CSA-C22.2 No. 14-05 . Adjustable overload releases Ir, adjustable time delay setting to overcome current peaks tr:2-20s at 6xIr

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 142421 Model Code NZMN2-ME90-BT-NA EAN 4015081391479 Product Length/Depth 149 mm Product Height 195 mm Product Width 105 mm Product Weight 3.238 kg Compliances RoHS conform Certifications CSA-C22.2 No. 5-09

IEC 60947-2

UL (Category Control Number DIVQ)

UL 489

UL listed

Specially designed for North America

CE marking

IEC

UL (File No. E31593)

CSA certified

UL508

CSA (File No. 22086)

UL/CSA

CSA (Class No. 1432-01)

IEC/EN 60947 Product specifications

Type Circuit breaker Special features Application Branch circuits, feeder circuits

Use in unearthed supply systems at 690 V

Amperage Rating 90 A Voltage rating 690 V - 690 V Circuit breaker frame type NZM2 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 Verificatio...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / NZMN2-ME90-BT-NA with the required quantity to info@electricaonline.com or use 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.