

INDUSTRIAL COMPONENT DATA

NZMN4-4-PX1250/VAR-AVE 189664 Y7-189664 EATON ELECTRIC NZMN4-4-PX1250/VAR-AVE

Brand: EATON - MOELLER | Manufacturer Part Number: NZMN4-4-PX1250/VAR-AVE



Manufacturer	EATON - MOELLER
MPN / Reference	NZMN4-4-PX1250/VAR-AVE
Catalog number	Y7-189664
Category	Power circuit-breaker for trafo/generator/installation protection
Minimum order	1 Pcs
Document ID	EO-BD5E2BF6A0
Generated	2026-08-06

Product Overview

NZMN4-4-PX1250/VAR-AVE

NZMN4-4-PX1250/VAR-AVE. NZM4 PXR25 circuit breaker - integrated energy measurement class 1, 1250A, 4p, variable, Screw terminal, withdrawable unit

The xEffect NZM...-PX circuit breaker range with power expert release (PXR) electronic triggering system covers use cases for full range protection with only four compact sizes and is suitable for the IEC market. The integrated energy measuring function supplies currents, voltages and active energy (kWh) with accuracy class 1 according to IEC 61557-12. Test function and settings via micro USB port directly on the switch. Modular function groups always make mounting flexible and may be supplemented by the comprehensive range of accessories. r.m.s. value measurement and thermal memory.

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 189664

Model Code NZMN4-4-PX1250/VAR-AVE

EAN 4015081876112

Product Length/Depth 501 mm

Product Height 280 mm

Product Width 330 mm

Product Weight 35.5 kg

Compliances RoHS conform

Certifications IEC/EN 60947

IEC

Delivery program

Application Use in unearthed supply systems at 525 V

Type Circuit breaker

Circuit breaker frame type NZM4

Accessories required NZM4-4-XAVS

Number of poles Four-pole

Amperage Rating 1250 A

Release system Electronic release

Features Motor drive optional

Protection unit

Special features LSI overload protection and delayed and non-delayed short-circuit protective device

Class 1 energy measurement, r.m.s. value measurement, and "thermal memory"

USB interface for configuration and test function with Power Xpert Protection Manager software

Interface module in equipment supplied.

Optionally communication-capable with internal Modbus RTU module or CAM

Maximum back-up fuse, if the expected short-circuit currents at the installation location exceed the switching capacity of the circuit breaker (Rated short-circuit breaking capacity Icn)

Rated current = rated uninterrupted current: 1250 A

Technical Data - Electrical

Voltage rating 690 V - 690 V

Rated impulse withstand voltage (Uimp) at auxiliary contacts 6000 V

Rated impulse withstand voltage (Uimp) at main contacts 8000 V

Current rating of neutral conductor 0 - 60% - 100% of phase conductor

Rated sho...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / NZMN4-4-PX1250/VAR-AVE 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.