

**INDUSTRIAL COMPONENT DATA**

# NZML3-PMX220 189704 EATON ELECTRIC NZM3 PXR25 Automatic Int. Class 1, 220A, 3p Power Reading, Screw Terminal

Brand: EATON - MOELLER | Manufacturer Part Number: NZML3-PMX220



|                 |                                  |
|-----------------|----------------------------------|
| Manufacturer    | EATON - MOELLER                  |
| MPN / Reference | NZML3-PMX220                     |
| Catalog number  | 189704                           |
| Category        | Motor protection circuit-breaker |
| Minimum order   | 1 Pcs                            |
| Document ID     | EO-F7D06AB777                    |
| Generated       | 2026-08-05                       |

## Product Overview

NZM3 PXR25 Automatic Int. - Class 1, 220A, 3p Power Reading, Screw Terminal

Circuit-breaker, Motor protection, IEC, Fixed, Electronic release, IEC/EN 60947-4-1, IEC/EN 60947-2, The circuit-breaker fulfills all requirements for AC-3 switching category., R.m.s. value measurement and "thermal memory", adjustable time delay setting to overcome current peaks tr: 2 - 20 s at 6 x I<sub>r</sub> also infinity (without overload releases), All AC-3 rating data applies to direct switching by the circuit-breaker under normal operating conditions . If, for example, a contactor takes over AC-3 switching under normal operating conditions, the full rated uninterrupted current applies to the circuit-breaker, I<sub>n</sub> = I<sub>u</sub>., 3 pole, Screw terminal, Rated current = rated uninterrupted current: I<sub>n</sub> = I<sub>u</sub> 220 A, I<sub>i</sub> = I<sub>n</sub> x ... 2 - 14

**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

ETIM for 189704 Low-voltage industrial controls and switchgear (EC000074)

Feature Name

Feature Value

Overload release current setting (EF002336)

88 A

Adjustment range undelayed short-circuit release (EF007131)

2 A

With thermal overload protection (EF006233)  
Yes  
Phase failure sensitive (EF007400)  
Yes  
Switch off technique (EF007007)  
Electronic  
Rated operating voltage (EF001435)  
690 V  
Rated permanent current  $I_u$  (EF001389)  
220 A  
Rated operation power at AC-3, 230 V (EF007025)  
55 kW  
Rated operation power at AC-3, 400 V (EF001364)  
110 kW  
Type of electrical connection of main circuit (EF006819)  
Screw connection  
Type of control element (EF006976)  
Rocker lever  
Device construction (EF008240)  
Built-in device fixed built-in technique  
With integrated auxiliary switch (EF001387)  
No  
With integrated under voltage release (EF001390)  
No  
Number of poles (EF001391)  
3  
Rated short-circuit breaking capacity  $I_{cu}$  at 400 V, AC (EF007049)  
130 kA  
Degree of protection (IP) (EF005474)  
IP20  
Height (EF000040)  
166 mm  
Width (EF000008)  
140 mm  
Depth (EF000049)  
275 mm

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / NZML3-PMX220 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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