

**INDUSTRIAL COMPONENT DATA**

# NZMS1-S100-SVE 112794 EATON ELECTRIC Switch automatic without rele thermal, plug-in, (without socket), 3P, U..

Brand: EATON - MOELLER | Manufacturer Part Number: NZMS1-S100-SVE



|                 |                                                                   |
|-----------------|-------------------------------------------------------------------|
| Manufacturer    | EATON - MOELLER                                                   |
| MPN / Reference | NZMS1-S100-SVE                                                    |
| Catalog number  | 112794                                                            |
| Category        | Power circuit-breaker for trafo/generator/installation protection |
| Minimum order   | 1 Pcs                                                             |
| Document ID     | EO-D24E4F4286                                                     |
| Generated       | 2026-08-03                                                        |

## Product Overview

Switch automatic without rele thermal, plug-in, (without socket), 3P, Ui: 100A

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 > Circuit Breakers NZM**

## Additional Product Information

Circuit-breaker 100A 3p without bimetallic strip + withdrawable 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. [ Delivery program

Description Motor protection in conjunction with overload relay

With short-circuit release

Without overload release Ir

IEC/EN 60947-4-1, IEC/EN 60947-2

The circuit-breaker fulfills all requirements for AC-3 switching category.

Rated current = rated uninterrupted current [In= Iu] 100 A Switching capacity 400/415 V 50 Hz [Icu] 70 kA Setting range

Short-circuit releases [Irm]Non-delayed [li= Inx ...] 8 - 12.5 Motor rating AC-3 at 400 V 50/60 Hz 380 V 400 V [P] 45 kW

Rated operational current AC-3 at 400 V 50/60 Hz 400 V [I<sub>e</sub>] 99 A , Technical data

General Ambient temperature Ambient temperature, storage - 40 - + 70 °C Ambient temperature Operation -25 - +70 °C

Circuit-breakers Rated current = rated uninterrupted current [I<sub>n</sub>= I<sub>u</sub>] 100 A Switching capacity Rated short-circuit breaking capacity I<sub>cn</sub>[I<sub>cn</sub>]I<sub>cu</sub> to IEC/EN 60947 test cycle O-t-CO [I<sub>cu</sub>]400/415 V 50/60 Hz [I<sub>cu</sub>] 70 kA , Design verification as per IEC/EN 61439

Technical data for design verification Equipment heat dissipation, current-dependent [P<sub>vid</sub>] 21.9 W Operating ambien...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / NZMS1-S100-SVE 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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