

INDUSTRIAL COMPONENT DATA

IZMX40N3-A25W 149794 EATON ELECTRIC Circuit-breaker, 3p, 2500 A, AF

Brand: EATON - MOELLER | Manufacturer Part Number: IZMX40N3-A25W



Manufacturer	EATON - MOELLER
MPN / Reference	IZMX40N3-A25W
Catalog number	149794
Category	Power circuit-breaker for trafo/generator/installation protection
Minimum order	1 Pcs
Document ID	EO-36D24112EF
Generated	2026-08-04

Product Overview

Circuit-breaker, 3p, 2500 A, AF

Circuit-breaker IZMX40 (Air circuit-breakers/switch-disconnectors), 3 pole, Current Range: Up to 4000 A, Rated current = rated uninterrupted current($I_n = I_u$): 2500 A, Rated ultimate short-circuit breaking capacity up to 440V/690V 42/42(I_{cu}): 85 kA, Rated service short-circuit breaking capacity up to 440V/690V 42/42(I_{cs}): 85 kA, Overload release, min.(I_r): 1250 A, Overload release, max.(I_r): 2500 A, Installation type: Withdrawable, Standard/Approval: IEC, Protective function: System protection

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
--------------	-----------------

Additional Product Information

Delivery programme Product range Air circuit-breakers/switch-disconnectors
Product range Open circuit-breakers
Current Range Up to 4000 A
Protective function System protection
Installation type Withdrawable
Construction size IZMX40
Release system Electronic release
Standard/Approval IEC
Number of poles 3 pole
Degree of Protection IP20, IP55 with protective cover, IP41 door sealing frame

optionally fittable by user with comprehensive accessories

Rated current = rated uninterrupted current $I_n = I_u$ A 2500

Breaking capacity $I_{cu} = I_{cs}$ to 440 V 50/60 Hz I_{cu} kA 85

Breaking capacity I_{cs} to 440 V 50/60 Hz I_{cs} kA 85

Overload release, min. I_r A 1250

Overload release, max. I_r A 2500

Non-delayed

General

Standards IEC/EN 60947

Ambient temperature

Storage ? °C -40 - +70

Operating (open) °C -25 - +70

Mounting position

Technical data for design verification

Rated operational current for specified heat dissipation I_n A 2500

Equipment heat dissipation, current-dependent P_{vid} W 350

Operating ambient temperature min. °C -25

Operating ambient temperature max. °C 70

IEC/EN 61439 design verification

10.2 Strength of materials and parts

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 Verification of resistance of insulating materials to abnormal heat and....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / IZMX40N3-A25W 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.