

INDUSTRIAL COMPONENT DATA

IZMX40B3-A16F 149424 EATON ELECTRIC Circuit-breaker, 3p, 1600 A, fixed

Brand: EATON - MOELLER | Manufacturer Part Number: IZMX40B3-A16F



Manufacturer	EATON - MOELLER
MPN / Reference	IZMX40B3-A16F
Catalog number	149424
Category	Power circuit-breaker for trafo/generator/installation protection
Minimum order	1 Pcs
Document ID	EO-2665AFCEFA
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Product Overview

Circuit-breaker, 3p, 1600 A, fixed

Circuit-breaker IZMX40 (Air circuit-breakers/switch-disconnectors), 3 pole, Current Range: Up to 4000 A, Rated current = rated uninterrupted current($I_n = I_u$): 1600 A, Rated ultimate short-circuit breaking capacity up to 440V/690V 42/42(I_{cu}): 66 kA, Rated service short-circuit breaking capacity up to 440V/690V 42/42(I_{cs}): 66 kA, Overload release, min.(I_r): 800 A, Overload release, max.(I_r): 1600 A, Installation type: Fixed, 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
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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 Fixed
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 1600

Breaking capacity I_{cu} = I_{cs} to 440 V 50/60 Hz I_{cu} kA 66

Breaking capacity I_{cs} to 440 V 50/60 Hz I_{cs} kA 66

Overload release, min. I_r A 800

Overload release, max. I_r A 1600

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 1600

Equipment heat dissipation, current-dependent P_{vid} W 140

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 fire due...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / IZMX40B3-A16F 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

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