

## INDUSTRIAL COMPONENT DATA

# AZ-3-B50 174510 Y7-174510 EATON ELECTRIC Miniature circuit breaker (MCB), 50A, 3p, type B characteristic

Brand: EATON - MOELLER | Manufacturer Part Number: AZ-3-B50



|                 |                                 |
|-----------------|---------------------------------|
| Manufacturer    | EATON - MOELLER                 |
| MPN / Reference | AZ-3-B50                        |
| Catalog number  | Y7-174510                       |
| Category        | Miniature circuit breaker (MCB) |
| Minimum order   | 1 Pcs                           |
| Document ID     | EO-A2E701182A                   |
| Generated       | 2026-08-01                      |

## Product Overview

Miniature circuit breaker (MCB), 50A, 3p, type B characteristic

AZ-3-B50

Eaton Moeller series xEffect - AZ MCB. Miniature circuit breaker (MCB), 50A, 3p, type B characteristic

High-quality residual current circuit-breaker/miniature circuit-breaker with overcurrent protection independent of mains voltage; contact position display red-green; terminal rear plug protection; tri-stable slide catch-enables removal from an existing closure assembly; comprehensive accessory product range can be retrofitted; wide range of rated fault currents; rated operational currents up to 40 A; trip types B,C,D; rated switching capacity 10 kA; suitable for use in the free (on-site power and outdoor distribution board) to -25 °C; suitable for use in the free (on-site power and outdoor distribution board) to -25 °C

## 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 > Modular Switchgear - Industrial

## Additional Product Information

General specifications

Product Name Eaton Moeller series xEffect - AZ MCB Catalog Number 174510 Model Code AZ-3-B50 EAN

4015081709663 Product Length/Depth 75 mm Product Height 90 mm Product Width 81 mm Product Weight 0.678 kg

Compliances RoHS conform Certifications EN45545-2

IEC 61373 Delivery programme

Application Number of poles Three-pole Number of poles (total) 3 Number of poles (protected) 3 Tripping characteristic B

Release characteristic B Amperage Rating 50 A Type AZ

Miniature circuit breaker

Technical data - electrical

Voltage type AC Rated operational voltage (Ue) - max 400 V Rated insulation voltage (Ui) 440 V Rated impulse withstand voltage (Uimp) 4 kV Frequency rating - min 50 Hz Frequency rating - max 60 Hz Rated switching capacity (IEC/EN 60947-2) 25 kA Rated short-circuit breaking capacity (EN 60898) at 230 V 0 kA Rated short-circuit breaking capacity (EN 60898) at 400 V 0 kA Rated short-circuit breaking capacity (IEC 60947-2) at 230 V 25 kA Rated short-circuit breaking capacity (IEC 60947-2) at 400 V 25 kA Overvoltage category III Pollution degree 2 Technical data - mechanical Width in number of modular spacings 4.5 Built-in depth 75 mm Degree of protection IP20 Connectable conductor cross section (solid-core) - min 2.5 mm<sup>2</sup> Connectable conductor cross section (solid-core) - max 50 mm<sup>2</sup> Connectable conductor cross section (multi-wired) - min 2.5 mm<sup>2</sup> Connectable conductor cross section (multi-wired) - max 50 mm<sup>2</sup> Design verification as per IEC/EN 61439 - technic...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / AZ-3-B50 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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