

INDUSTRIAL COMPONENT DATA

AZ-4-D50 174545 Y7-174545 EATON ELECTRIC Miniature circuit breaker (MCB), 50A, 4p, type D characteristic

Brand: EATON - MOELLER | Manufacturer Part Number: AZ-4-D50



Manufacturer	EATON - MOELLER
MPN / Reference	AZ-4-D50
Catalog number	Y7-174545
Category	Miniature circuit breaker (MCB)
Minimum order	1 Pcs
Document ID	EO-DE33290286
Generated	2026-08-01

Product Overview

Miniature circuit breaker (MCB), 50A, 4p, type D characteristic

AZ-4-D50

Eaton Moeller series xEffect - AZ MCB. Miniature circuit breaker (MCB), 50A, 4p, type D 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 174545 Model Code AZ-4-D50 EAN

4015081710010 Product Length/Depth 75 mm Product Height 90 mm Product Width 108 mm Product Weight 0.91 kg

Compliances RoHS conform Certifications EN45545-2

IEC 61373 Delivery programme

Application Number of poles Four-pole Number of poles (total) 4 Number of poles (protected) 4 Tripping characteristic D

Release characteristic D 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 6 Built-in depth 75 mm Degree of protection IP20 Connectable conductor cross section (solid-core) - min 2.5 mm² Connectable conductor cross section (solid-core) - max 50 mm² Connectable conductor cross section (multi-wired) - min 2.5 mm² Connectable conductor cross section (multi-wired) - max 50 mm² Design verification as per IEC/EN 61439 - technical....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / AZ-4-D50 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.