

## INDUSTRIAL COMPONENT DATA

**FAZ6-D50/3N 177418 Y7-177418 EATON ELECTRIC Miniature circuit breaker (MCB), 50A, 3pole+N, type D characteri..**

Brand: EATON - MOELLER | Manufacturer Part Number: FAZ6-D50/3N



|                 |                                 |
|-----------------|---------------------------------|
| Manufacturer    | EATON - MOELLER                 |
| MPN / Reference | FAZ6-D50/3N                     |
| Catalog number  | Y7-177418                       |
| Category        | Miniature circuit breaker (MCB) |
| Minimum order   | 1 Pcs                           |
| Document ID     | EO-60E56A2A1F                   |
| Generated       | 2026-08-04                      |

**Product Overview**

Miniature circuit breaker (MCB), 50A, 3pole+N, type D characteristic

FAZ6-D50/3N

FAZ6-D50/3N. Miniature circuit breaker (MCB), 50 A, 3p+N, characteristic: D

High-quality miniature circuit breaker for industrial applications and residential applications, contact position indicator red - green, guide for secure terminal connection, tri-stable slide catch - enables removal from existing busbar system, comprehensive range of accessories suitable for subsequent installation, rated currents up to 63 A, tripping characteristics B, C, D

## 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 - Tertiary |
|--------------|-------------------------------------------------|

**Additional Product Information**

General specifications

Product Name Eaton Moeller series xEffect - FAZ6 MCB

Catalog Number 177418

Model Code FAZ6-D50/3N

EAN 4015081718788

Product Length/Depth 72.6 mm

Product Height 80 mm

Product Width 72 mm

Product Weight 0.474 kg

Compliances RoHS conform  
Delivery program  
Number of poles Three-pole + N  
Number of poles (total) 4  
Number of poles (protected) 3  
Release characteristic D  
Amperage Rating 50 A  
Technical Data - Electrical  
Voltage type AC  
Voltage rating (IEC/EN 60898-1) 415 V  
Voltage rating (IEC/EN 60947-2) 400  
Rated operational voltage (Ue) - max 400 V  
Operational voltage (IEC/EN 60947-2) - max 400 V  
Operational voltage at DC (EC/EN 60947-2) - max 60 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) 7.5 kA  
Overvoltage category III  
Pollution degree 2  
Technical Data - Mechanical  
Width in number of modular spacings 4  
Built-in depth 70.5 mm  
Connectable conductor cross section (solid-core) - min 1 mm<sup>2</sup>  
Connectable conductor cross section (solid-core) - max 25 mm<sup>2</sup>  
Connectable conductor cross section (multi-wired) - min 1 mm<sup>2</sup>  
Connectable conductor cross section (multi-wired) - max 25 mm<sup>2</sup>  
Design verification as per IEC/EN 61439 - technical data  
Rated operational current for specified heat dissipation (In) 50 A  
Equipment heat dissipation, current-dependent 17.3 W  
Static heat dissipation, non-current-dependent 0 W  
Heat dissipation capacity 0 W  
Am...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / FAZ6-D50/3N 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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