

## INDUSTRIAL COMPONENT DATA

**FAZ6-D6/1N 177527 Y7-177527 EATON ELECTRIC Miniature circuit breaker (MCB), 6A, 1pole+N, type D characterist..**

Brand: EATON - MOELLER | Manufacturer Part Number: FAZ6-D6/1N



|                 |                                 |
|-----------------|---------------------------------|
| Manufacturer    | EATON - MOELLER                 |
| MPN / Reference | FAZ6-D6/1N                      |
| Catalog number  | Y7-177527                       |
| Category        | Miniature circuit breaker (MCB) |
| Minimum order   | 1 Pcs                           |
| Document ID     | EO-95341EFD2A                   |
| Generated       | 2026-08-05                      |

**Product Overview**

Miniature circuit breaker (MCB), 6A, 1pole+N, type D characteristic, 6 kA  
FAZ6-D6/1N

FAZ6-D6/1N. Miniature circuit breaker (MCB), 6 A, 1p+N, characteristic: D, 6 kA

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 177527 Model Code FAZ6-D6/1N EAN 4015081719877 Product Length/Depth 72.6 mm Product Height 80 mm Product Width 36 mm Product Weight 0.196 kg  
Compliances RoHS conform Delivery programme

Number of poles (total) 2 Number of poles (protected) 1 Release characteristic D Amperage Rating 6 A Technical data - electrical

Voltage type AC Voltage rating (IEC/EN 60898-1) 240 V Voltage rating (IEC/EN 60947-2) 230 Rated operational voltage (Ue) - max 240 V Operational voltage (IEC/EN 60947-2) - max 230 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 Rated service short-circuit breaking capacity (IEC/EN 60898-1) 6 kA Rated service short-circuit breaking capacity (IEC/EN 60947-2) 10 kA Rated short-circuit breaking capacity (EN 60898) at 230 V 6 kA Rated short-circuit breaking capacity (EN 60898) at 400 V 6 kA Rated short-circuit breaking capacity (IEC 60947-2) at 230 V 10 kA Rated short-circuit breaking capacity (IEC 60947-2) at 400 V 6 kA Overvoltage category III Pollution degree 2 Technical data - mechanical

Width in number of modular spacings 2 Built-in depth 70.5 mm Degree of protection IP20 Connectable conductor cross section (solid-core) - min 1 mm<sup>2</sup> Connectable conductor cross section (solid-core) - max 2...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / FAZ6-D6/1N 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

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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