

## INDUSTRIAL COMPONENT DATA

# PLZ6-D1,6/1N-MW 242821 EATON ELECTRIC Over current switch, 1, 6 A, 1pole+N, type D characteristic

Brand: EATON - MOELLER | Manufacturer Part Number: PLZ6-D1,6/1N-MW



|                 |                                 |
|-----------------|---------------------------------|
| Manufacturer    | EATON - MOELLER                 |
| MPN / Reference | PLZ6-D1,6/1N-MW                 |
| Catalog number  | 242821                          |
| Category        | Miniature circuit breaker (MCB) |
| Minimum order   | 1 Pcs                           |
| Document ID     | EO-2C495A1722                   |
| Generated       | 2026-08-06                      |

## Product Overview

Over current switch, 1, 6 A, 1pole+N, type D characteristic

PLZ6-D1,6/1N-MW

Miniature circuit breaker (MCB), 1,6A, 1pole+N, type D characteristic

Miniature circuit breaker (MCB), PLZ6, 1-pole+N, tripping characteristic: D, rated current  $I_n$ : 1.6 A, rated switching capacity according to IEC/EN 60898-1: 6 kA, Switchgear for residential and commercial applications

## 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

Miniature circuit breaker (MCB), 1,6A, 1pole+N, type D characteristic  
Miniature circuit breaker (MCB) PLZ6, 1 pole+N,  
Tripping characteristic: D, Rated current  $I_n$ : 1.6 A, Rated switching capacity according to IEC/EN 60898-1: 6 kA, Switchgear for residential and commercial applications  
Delivery program

Basic function  
Miniature circuit-breakers  
Number of poles 1 pole+N  
Tripping characteristic D  
Application Switchgear for residential and commercial applications  
Rated current  $[I_n]$  1.6 A  
Rated switching capacity according to IEC/EN 60898-1  $[I_{cn}]$  6 kA  
Product range PLZ6  
Technical data

Electrical  
Rated switching capacity according to IEC/EN 60898-1  $[I_{cn}]$  6 kA  
Design verification as per IEC/EN 61439

Technical data for design verification  
Rated operational current for specified heat dissipation  $[I_n]$  1.6 A  
Heat dissipation per pole, current-dependent  $[P_{vid}]$  0 W  
Equipment heat dissipation, current-dependent  $[P_{vid}]$  1.4 W  
Static heat dissipation, non-current-dependent  $[P_{vs}]$  0 W  
Heat dissipation capacity  $[P_{diss}]$  0 W  
Operating ambient temperature min. -25 °C  
Operating ambient temperature max. +75 °C  
linear, per +1 °C, results in a 0.5% reduction of current carrying capacity  
IEC/EN 61439

design verification10.2 Strength of materials and parts10.2.2 Corrosion resistanceMeets the product standard's requirements.10.2 Strength of materials and parts10.2.3.1 Verification of thermal stability of enclosuresMeets the product standard's requirements.10.2 Strength of materials and parts10.2.3.2 Verification of resistance of insulating...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / PLZ6-D1,6/1N-MW 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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