

## INDUSTRIAL COMPONENT DATA

# PLN6-C6/1N-DE 263279 Y7-263279 EATON ELECTRIC Miniature circuit breaker (MCB), 6A, 1pole+N, type C character..

Brand: EATON - MOELLER | Manufacturer Part Number: PLN6-C6/1N-DE



|                 |                                 |
|-----------------|---------------------------------|
| Manufacturer    | EATON - MOELLER                 |
| MPN / Reference | PLN6-C6/1N-DE                   |
| Catalog number  | Y7-263279                       |
| Category        | Miniature circuit breaker (MCB) |
| Minimum order   | 1 unit                          |
| Document ID     | EO-61583E7FDE                   |
| Generated       | 2026-08-05                      |

## Product Overview

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

PLN6-C6/1N-DE

Eaton Moeller series xPole - PLN6 MCB. Miniature circuit breaker (MCB), 6 A, 1p+N, characteristic: C, DE

Miniature circuit breaker (MCB), PLN6, 1-pole+N, tripping characteristic: C, rated current  $I_n$ : 6 A, rated switching capacity according to IEC/EN 60898-1: 6 kA, Switchgear for residential and commercial applications

## STRUCTURED PRODUCT DATA

## Technical Specifications

| TECHNICAL ATTRIBUTE                                                                      | VALUE   |
|------------------------------------------------------------------------------------------|---------|
| Built-in depth (EF000218)                                                                | 70.5 mm |
| Release characteristic (EF000889)                                                        | C       |
| Number of poles (total) (EF008618)                                                       | 2       |
| Number of protected poles (EF005548)                                                     | 1       |
| Rated current (EF000227)                                                                 | 6 A     |
| Rated voltage (EF000228)                                                                 | 230 V   |
| Rated insulation voltage $U_i$ (EF001366)                                                | 440 V   |
| Rated impulse withstand voltage $U_{imp}$ (EF011980)                                     | 4 kV    |
| Rated short-circuit breaking capacity $I_{cn}$ according to EN 60898 at 230 V (EF009556) | 6 kA    |
| Voltage type (EF000187)                                                                  | AC      |
| Rated short-circuit breaking capacity $I_{cn}$ according to EN 60898 at 400 V (EF009555) | 6 kA    |

**CONTINUED**

## Technical Specifications

| TECHNICAL ATTRIBUTE                                                                    | VALUE  |
|----------------------------------------------------------------------------------------|--------|
| Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 230 V (EF009557) | 0 kA   |
| Rated short-circuit breaking capacity Icu according to IEC 60947-2 at 400 V (EF009558) | 0 kA   |
| Frequency (EF000416)                                                                   | 50 Hz  |
| Power loss (EF005387)                                                                  | 1.1 W  |
| Current limiting class (EF002568)                                                      | 3      |
| Flush-mounted installation (EF007517)                                                  | No     |
| Concurrently switching neutral conductor (EF005997)                                    | Yes    |
| Over voltage category (EF002569)                                                       | 3      |
| Pollution degree (EF002570)                                                            | 2      |
| Additional equipment possible (EF008148)                                               | Yes    |
| Width in number of modular spacings (EF002950)                                         | 1      |
| Degree of protection (IP) (EF005474)                                                   | IP20   |
| Ambient temperature during operating (EF007515)                                        | -25 °C |
| Connectable conductor cross section multi-wired (EF007343)                             | 1 mm²  |
| Connectable conductor cross section solid-core (EF007337)                              | 1 mm²  |
| Explosion-proof (EF004663)                                                             | No     |

## Classification & Catalog Path

|              |                                                 |
|--------------|-------------------------------------------------|
| Catalog path | EATON - MOELLER > Modular Switchgear - Tertiary |
|--------------|-------------------------------------------------|

## Additional Product Information

### General specifications

Product Name Eaton Moeller series xPole - PLN6 MCB Catalog Number 263279 Model Code PLN6-C6/1N-DE EAN 4015082632793 Product Length/Depth 71 mm Product Height 82 mm Product Width 17.6 mm Product Weight 0.13 kg Complies RoHS conform Delivery program

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

Voltage type AC Rated operational voltage (Ue) - max 230 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 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 0 kA Rated short-circuit breaking capacity (IEC 60947-2) at 400 V 0 kA Overvoltage category III Pollution degree 2 Technical data - mechanical

Width in number of modular spacings 1 Built-in depth 70.5 mm Degree of protection IP20 Connectable conductor cross section (solid-core) - min 1 mm² Connectable conductor...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / PLN6-C6/1N-DE 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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