

INDUSTRIAL COMPONENT DATA

PLN6-C10/1N-DE 263280 Y7-263280 EATON ELECTRIC

Miniature circuit breaker (MCB), 10A, 1pole+N, type C charact..

Brand: EATON - MOELLER | Manufacturer Part Number: PLN6-C10/1N-DE



Manufacturer	EATON - MOELLER
MPN / Reference	PLN6-C10/1N-DE
Catalog number	Y7-263280
Category	Miniature circuit breaker (MCB)
Minimum order	1 unit
Document ID	EO-60B3E2F431
Generated	2026-08-06

Product Overview

Miniature circuit breaker (MCB), 10A, 1pole+N, type C characteristic

PLN6-C10/1N-DE

Eaton Moeller series xPole - PLN6 MCB. Miniature circuit breaker (MCB), 10 A, 1p+N, characteristic: C, DE

Miniature circuit breaker (MCB), PLN6, 1-pole+N, tripping characteristic: C, rated current I_n : 10 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)	10 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)	1.9 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
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Additional Product Information

General specifications

Product Name Eaton Moeller series xPole - PLN6 MCB

Catalog Number 263280

Model Code PLN6-C10/1N-DE

EAN 4015082632809

Product Length/Depth 71 mm

Product Height 82 mm

Product Width 17.6 mm

Product Weight 0.13 kg

Compliances RoHS conform

Delivery program

Number of poles (total) 2

Number of poles (protected) 1

Release characteristic C

Amperage Rating 10 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

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 mm²Connectable conductor cross section (solid-core) - max 16 mm²Connectable conductor cross section (multi-wired) - min 1 mm²Connectable conductor cross section (multi-wired) - max 16 mm²

Design verification as per IEC/EN 61439 - technical data

Rated operational current for spe...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / PLN6-C10/1N-DE with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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