

Eaton 263190

Eaton Moeller series xPole - PLN4 MCB.
PLN4, 1-pole+N, tripping characteristic: C,
rated current In: 10 A, rated switching
capacity IEC/EN 60898-1: 4.5 kA

General specifications

PRODUCT NAME	Eaton Moeller series xPole - PLN4 MCB
CATALOG NUMBER	263190
EAN	4015082631901
PRODUCT LENGTH/DEPTH	80 mm
PRODUCT HEIGHT	75 mm
PRODUCT WIDTH	17.5 mm
PRODUCT WEIGHT	0.112 kg
COMPLIANCES	RoHS conform
MODEL CODE	PLN4-C10/1N-MW

Delivery program

APPLICATION	<ul style="list-style-type: none"> • Switchgear for residential and commercial applications • xPole - Switchgear for residential and commercial applications
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NUMBER OF POLES	Single-pole + N
NUMBER OF POLES (TOTAL)	2
NUMBER OF POLES (PROTECTED)	1
TRIPPING CHARACTERISTIC	C
RELEASE CHARACTERISTIC	C
AMPERAGE RATING	10 A

TYPE	<ul style="list-style-type: none"> • Miniature circuit breaker • PLN4
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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 mm ²
CONNECTABLE CONDUCTOR CROSS SECTION (SOLID-CORE) - MAX	16 mm ²
CONNECTABLE CONDUCTOR CROSS SECTION (MULTI-WIRED) - MIN	1 mm ²
CONNECTABLE CONDUCTOR CROSS SECTION (MULTI-WIRED) - MAX	16 mm ²

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 SWITCHING CAPACITY (IEC/EN 60898-1)	4.5 kA
OVERVOLTAGE CATEGORY	III
POLLUTION DEGREE	2

Design verification as per IEC/EN 61439 - technical data

RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)	10 A
HEAT DISSIPATION PER POLE, CURRENT-DEPENDENT	0 W
EQUIPMENT HEAT DISSIPATION, CURRENT-DEPENDENT	2.2 W
STATIC HEAT DISSIPATION, NON-CURRENT-DEPENDENT	0 W
HEAT DISSIPATION CAPACITY	0 W
AMBIENT OPERATING TEMPERATURE - MIN	-25 °C
AMBIENT OPERATING TEMPERATURE - MAX	75 °C

Additional information

CURRENT LIMITING CLASS

3

FEATURES

Concurrently switching N-neutral
Additional equipment possible

SPECIAL FEATURES

Ambient temperature hint:
a 1 °C increase results in a
0.5% linear reduction of
current carrying capacity

USED WITH

Miniature circuit breaker
PLN4

Resurse

CATALOAGE [eaton-xpole-pln4-mcb-catalog-ca019074en-en-us.pdf](#)

CHARACTERISTIC CURVE [eaton-xeffect-faz-dc-mcb-characteristic-curve-003.jpg](#)

[eaton-xeffect-faz-dc-mcb-characteristic-curve-005.jpg](#)

DESENE [eaton-xeffect-faz-dc-mcb-dimensions-005.jpg](#)

[eaton-xeffect-faz-dc-mcb-3d-drawing-002.jpg](#)

INSTRUCȚIUNI DE INSTALARE [eaton-rccb-rcbo-g9-il019140zu.pdf](#)

SCHEME ELECTRICE [eaton-xeffect-faz-dc-mcb-wiring-diagram-003.jpg](#)

DENUMIREA PROIECTULUI:

NUMĂRUL PROIECTULUI:

PREGĂTIT DE:

DATA:



Eaton Corporation plc Eaton House
30 Pembroke Road
Dublin 4, Irlanda
Eaton.com

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