

Specifications

Eaton 101324

Eaton Moeller series xPole - PLI MCB.
Miniature circuit breaker (MCB) with plug-in
terminal, 6 A, 3p, characteristic: D

General specifications

PRODUCT NAME	Eaton Moeller series xPole - PLI MCB
CATALOG NUMBER	101324
EAN	4015081012596
PRODUCT LENGTH/DEPTH	84 mm
PRODUCT HEIGHT	75.5 mm
PRODUCT WIDTH	52.5 mm
PRODUCT WEIGHT	0.324 kg
COMPLIANCES	RoHS conform
MODEL CODE	PLI-D6/3

Delivery program

APPLICATION

- Switchgear for residential and commercial applications
- xPole - Switchgear for residential and commercial applications

NUMBER OF POLES	Three-pole
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NUMBER OF POLES (TOTAL)	3
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NUMBER OF POLES (PROTECTED)	3
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TRIPPING CHARACTERISTIC	D
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RELEASE CHARACTERISTIC	D
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AMPERAGE RATING	6 A
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TYPE

- Miniature circuit breaker
- PLI

Technical data - electrical

VOLTAGE TYPE	AC
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RATED OPERATIONAL VOLTAGE (UE) - MAX	400 V
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RATED INSULATION VOLTAGE (UI)	440 V
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RATED IMPULSE WITHSTAND VOLTAGE (UIMP)	4 kV
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FREQUENCY RATING - MIN	50 Hz
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FREQUENCY RATING - MAX	60 Hz
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RATED SWITCHING CAPACITY (IEC/EN 60898-1)	10 kA
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RATED SHORT-CIRCUIT BREAKING CAPACITY (EN 60898) AT 230 V	10 kA
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RATED SHORT-CIRCUIT BREAKING CAPACITY (EN 60898) AT 400 V	10 kA
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RATED SHORT-CIRCUIT BREAKING CAPACITY (IEC 60947-2) AT 230 V	0 kA
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RATED SHORT-CIRCUIT BREAKING CAPACITY (IEC 60947-2) AT 400 V	0 kA
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OVERVOLTAGE CATEGORY	III
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POLLUTION DEGREE	2
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Technical data - mechanical

**WIDTH IN NUMBER OF
MODULAR SPACINGS** 3

BUILT-IN DEPTH 70.5 mm

DEGREE OF PROTECTION IP20

**CONNECTABLE
CONDUCTOR CROSS
SECTION (SOLID-CORE) -
MIN** 1 mm²

**CONNECTABLE
CONDUCTOR CROSS
SECTION (SOLID-CORE) -
MAX** 25 mm²

**CONNECTABLE
CONDUCTOR CROSS
SECTION (MULTI-WIRED)
- MIN** 1 mm²

**CONNECTABLE
CONDUCTOR CROSS
SECTION (MULTI-WIRED)
- MAX** 25 mm²

Additional information

**CURRENT LIMITING
CLASS** 3

FEATURES 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 PLI
Miniature circuit breaker

Design verification as per IEC/EN 61439 - technical data

**RATED OPERATIONAL
CURRENT FOR SPECIFIED
HEAT DISSIPATION (IN)** 6 A

**HEAT DISSIPATION PER
POLE, CURRENT-
DEPENDENT** 0 W

**EQUIPMENT HEAT
DISSIPATION, CURRENT-
DEPENDENT** 4.4 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

Resources

[eaton-xpole-protective-
devices-catalog-
ca019014en-en-us.pdf](#)

CATALOGUES [eaton-xpole-accessories-
ca019015en-en-us.pdf](#)

[eaton-xpole-pli-mcb-
catalog-ca019072en-en-
us.pdf](#)

**DECLARATIONS OF
CONFORMITY** [DA-DC-03_PLI](#)

DRAWINGS [eaton-xpole-pli-mcb-
dimensions.jpg](#)

**INSTALLATION
INSTRUCTIONS** [IL019073ZU](#)

[eaton-pli mcb 3p-3d-
model.stp](#)

MCAD MODEL [eaton-pli mcb 3p-
drawing.dwg](#)

PEP ECO-PASSPORT [EATO-00048-V01.01-EN](#)

WIRING DIAGRAMS [eaton-xpole-mmc4-6-m-
mcb-wiring-diagram-
005.jpg](#)

PROJECT NAME:
PROJECT NUMBER:
PREPARED BY:
DATE:



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