

Specifications



Eaton 101307

Eaton Moeller series xPole - PLI MCB.
Miniature circuit breaker (MCB) with plug-in terminal, 16 A, 2p, characteristic: D

General specifications

PRODUCT NAME	Eaton Moeller series xPole - PLI MCB
CATALOG NUMBER	101307
MODEL CODE	PLI-D16/2
EAN	4015081012428
PRODUCT LENGTH/DEPTH	84 mm
PRODUCT HEIGHT	75.5 mm
PRODUCT WIDTH	35 mm
PRODUCT WEIGHT	0.205 kg
COMPLIANCES	RoHS conform
GLOBAL CATALOG	101307



Powering Business Worldwide

Product specifications

USED WITH	Miniature circuit breaker PLI
AMPERAGE RATING	16 A
FEATURES	Additional equipment possible
POLLUTION DEGREE	2
DEGREE OF PROTECTION	IP20
EQUIPMENT HEAT DISSIPATION, CURRENT- DEPENDENT	4.7 W
RATED IMPULSE WITHSTAND VOLTAGE (UIMP)	4 kV
TRIPPING CHARACTERISTIC	D
AMBIENT OPERATING TEMPERATURE - MAX	75 °C
AMBIENT OPERATING TEMPERATURE - MIN	-25 °C
BUILT-IN DEPTH	70.5 mm
CONNECTABLE CONDUCTOR CROSS SECTION (MULTI-WIRED) - MAX	25 mm ²
CONNECTABLE CONDUCTOR CROSS SECTION (MULTI-WIRED) - MIN	1 mm ²
CONNECTABLE CONDUCTOR CROSS SECTION (SOLID-CORE) - MAX	25 mm ²
CONNECTABLE CONDUCTOR CROSS SECTION (SOLID-CORE) - MIN	1 mm ²
CURRENT LIMITING CLASS	3
FREQUENCY RATING - MAX	60 Hz
FREQUENCY RATING - MIN	50 Hz
HEAT DISSIPATION CAPACITY	0 W
HEAT DISSIPATION PER POLE, CURRENT- DEPENDENT	0 W
WIDTH IN NUMBER OF MODULAR SPACINGS	2

Resources

	eaton-xpole-pli-mcb-catalog-ca019072en-en-us.pdf
CATALOGS	eaton-xpole-protective-devices-catalog-ca019014en-en-us.pdf eaton-xpole-accessories-ca019015en-en-us.pdf
DECLARATIONS OF CONFORMITY	eaton-mcb-declaration-of-conformity-eu250403en.pdf
DRAWINGS	eaton-xpole-pli-mcb-dimensions.jpg
INSTALLATION INSTRUCTIONS	IL019073ZU
MCAD MODEL	eaton-pli_mcb_2p-drawing.dwg eaton-pli_mcb_2p-3d-model.stp
PEP ECO-PASSPORT	EATO-00048-V01.01-EN
WIRING DIAGRAMS	eaton-xpole-mmc4-6-m-mcb-wiring-diagram-003.jpg

VOLTAGE TYPE	AC
OVERVOLTAGE CATEGORY	III
NUMBER OF POLES	Two-pole
RELEASE CHARACTERISTIC	D
TYPE	<ul style="list-style-type: none"> • Miniature circuit breaker • PLI
SPECIAL FEATURES	Ambient temperature hint: a 1 °C increase results in a 0.5% linear reduction of current carrying capacity
APPLICATION	<ul style="list-style-type: none"> • Switchgear for residential and commercial applications • xPole - Switchgear for residential and commercial applications
NUMBER OF POLES (PROTECTED)	2
NUMBER OF POLES (TOTAL)	2
RATED INSULATION VOLTAGE (UI)	440 V
RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)	16 A
RATED OPERATIONAL VOLTAGE (UE) - MAX	400 V
RATED SHORT-CIRCUIT BREAKING CAPACITY (IEC/EN 60898-1) - ICN AT 230 V	10 kA
RATED SHORT-CIRCUIT BREAKING CAPACITY (IEC/EN 60898-1)- ICN AT 400 V	10 kA
RATED SHORT-CIRCUIT BREAKING CAPACITY (IEC 60947-2)- ICU AT 230 V	0 kA
RATED SHORT-CIRCUIT BREAKING CAPACITY (IEC 60947-2)- ICU AT 400 V	0 kA
RATED SWITCHING CAPACITY (IEC/EN 60898-1)	10 kA
STATIC HEAT	0 W

**DISSIPATION, NON-
CURRENT-DEPENDENT**

POWER LOSS	4.8 W
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PROJECT NAME:

PROJECT NUMBER:

PREPARED BY:

DATE:



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