

Specifications



Eaton 101312

Eaton Moeller series xPole - PLI MCB. PLI, 3-pole, tripping characteristic: B, rated current In: 10 A, rated switching capacity IEC/EN 60898-1: 10 kA

General specifications

PRODUCT NAME	Eaton Moeller series xPole - PLI MCB
CATALOG NUMBER	101312
MODEL CODE	PLI-B10/3
EAN	4015081012473
PRODUCT LENGTH/DEPTH	84 mm
PRODUCT HEIGHT	75.5 mm
PRODUCT WIDTH	52.5 mm
PRODUCT WEIGHT	0.303 kg
COMPLIANCES	RoHS conform
GLOBAL CATALOG	101312



Powering Business Worldwide

Product specifications

USED WITH	Miniature circuit breaker PLI
AMPERAGE RATING	10 A
FEATURES	Additional equipment possible
POLLUTION DEGREE	2
DEGREE OF PROTECTION	IP20
EQUIPMENT HEAT DISSIPATION, CURRENT- DEPENDENT	5.9 W
RATED IMPULSE WITHSTAND VOLTAGE (UIMP)	4 kV
TRIPPING CHARACTERISTIC	B
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	3

Resources

	eaton-xpole-protective-devices-catalog-ca019014en-en-us.pdf
CATALOGS	eaton-xpole-pli-mcb-catalog-ca019072en-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
	eaton-pli_mcb_3p-drawing.dwg
MCAD MODEL	eaton-pli_mcb_3p-3d-model.stp
PEP ECO-PASSPORT	EATO-00048-V01.01-EN
WIRING DIAGRAMS	eaton-xpole-mmc4-6-m-mcb-wiring-diagram-005.jpg

VOLTAGE TYPE	AC
OVERVOLTAGE CATEGORY	III
NUMBER OF POLES	Three-pole
RELEASE CHARACTERISTIC	B
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)	3
NUMBER OF POLES (TOTAL)	3
RATED INSULATION VOLTAGE (UI)	440 V
RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)	10 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	5.5 W
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PROJECT NAME:

PROJECT NUMBER:

PREPARED BY:

DATE:



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

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