

Specifications



Eaton 236687

Eaton Moeller series xPole - PXL MCB. PXL, 1-pole, tripping characteristic: C, rated current In: 16 A

General specifications

PRODUCT NAME	Eaton Moeller series xPole - PXL MCB
CATALOG NUMBER	236687
EAN	4015082366872
PRODUCT LENGTH/DEPTH	80 mm
PRODUCT HEIGHT	75 mm
PRODUCT WIDTH	17.5 mm
PRODUCT WEIGHT	0.111 kg
COMPLIANCES	RoHS conform
MODEL CODE	PXL-C16-DC

Product specifications

USED WITH	Miniature circuit breaker PXL
AMPERAGE RATING	16 A
FEATURES	Additional equipment possible
POLLUTION DEGREE	2
DEGREE OF PROTECTION	IP20
RATED IMPULSE WITHSTAND VOLTAGE (UIMP)	4 kV
TRIPPING CHARACTERISTIC	C
AMBIENT OPERATING TEMPERATURE - MAX	55 °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	1
VOLTAGE TYPE	DC

Resources

DECLARATIONS OF CONFORMITY

[DA-DC-03_PXL](#)

ECAD MODEL

[DA-CE-ETN.PXL-C16-DC](#)

INSTALLATION INSTRUCTIONS

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

MCAD MODEL

[pls_1p.stp pls_1p.dwg](#)

OVERVOLTAGE CATEGORY	III
NUMBER OF POLES	Single-pole
RELEASE CHARACTERISTIC	C

TYPE	• Miniature circuit breaker • PXL
-------------	--

SPECIAL FEATURES	Maximum operating temperature is 75 °C: Starting at 55 °C a 1 °C results in a 0.5% linear reduction of current carrying capacity
-------------------------	---

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

NUMBER OF POLES (PROTECTED)	1
NUMBER OF POLES (TOTAL)	1
RATED INSULATION VOLTAGE (UI)	440 V

RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)	16 A
--	------

RATED OPERATIONAL VOLTAGE (UE) - MAX	48 V
---	------

RATED SHORT-CIRCUIT BREAKING CAPACITY (EN 60898) AT 230 V	0 kA
--	------

RATED SHORT-CIRCUIT BREAKING CAPACITY (EN 60898) AT 400 V	0 kA
--	------

RATED SHORT-CIRCUIT BREAKING CAPACITY (IEC 60947-2) AT 230 V	10 kA
---	-------

RATED SHORT-CIRCUIT BREAKING CAPACITY (IEC 60947-2) AT 400 V	10 kA
---	-------

RATED SWITCHING CAPACITY (IEC/EN 60947-2)	10 kA
--	-------

STATIC HEAT DISSIPATION, NON- CURRENT-DEPENDENT	0 W
POWER LOSS	2.1 W

PROJECT NAME:

PROJECT NUMBER:

PREPARED BY:

DATE:



Eaton Corporation plc

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

© 2025 Eaton. All Rights Reserved.

Follow us on social media to get the latest product and support information.

