

Specifications



Eaton 236684

Eaton Moeller series xPole - PXL MCB. PXL, 1-pole, tripping characteristic: C, rated current In: 6 A, rated switching capacity IEC/EN 60898-1:

General specifications

PRODUCT NAME	Eaton Moeller series xPole - PXL MCB
CATALOG NUMBER	236684
EAN	4015082366841
PRODUCT LENGTH/DEPTH	80 mm
PRODUCT HEIGHT	75 mm
PRODUCT WIDTH	17.5 mm
PRODUCT WEIGHT	0.107 kg
COMPLIANCES	RoHS conform
MODEL CODE	PXL-C6-DC



Powering Business Worldwide

Product specifications

USED WITH	PXL Miniature circuit breaker
AMPERAGE RATING	6 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-C6-DC
INSTALLATION INSTRUCTIONS	eaton-rccb-rcbo-g9-il019140zu.pdf
MCAD MODEL	pls_1p.dwg pls_1p.stp

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

TYPE	<ul style="list-style-type: none"> • Miniature circuit breaker • PXL
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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
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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 (PROTECTED)	1
NUMBER OF POLES (TOTAL)	1
RATED INSULATION VOLTAGE (UI)	440 V

RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)	6 A
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RATED OPERATIONAL VOLTAGE (UE) - MAX	48 V
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RATED SHORT-CIRCUIT BREAKING CAPACITY (EN 60898) AT 230 V	0 kA
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RATED SHORT-CIRCUIT BREAKING CAPACITY (EN 60898) AT 400 V	0 kA
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RATED SHORT-CIRCUIT BREAKING CAPACITY (IEC 60947-2) AT 230 V	10 kA
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RATED SHORT-CIRCUIT BREAKING CAPACITY (IEC 60947-2) AT 400 V	10 kA
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RATED SWITCHING CAPACITY (IEC/EN 60947-2)	10 kA
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STATIC HEAT DISSIPATION, NON- CURRENT-DEPENDENT	0 W
POWER LOSS	1.2 W

PROJECT NAME:

PROJECT NUMBER:

PREPARED BY:

DATE:



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