

Specifications

Photo is representative

Eaton 236172

Eaton Moeller series xPole - PXL MCB. PXL, 1-pole+N, tripping characteristic: C, rated current In: 50 A, rated switching capacity IEC/EN 60898-1: 10 kA

General specifications

PRODUCT NAME	Eaton Moeller series xPole - PXL MCB
CATALOG NUMBER	236172
EAN	4015082361723
PRODUCT LENGTH/DEPTH	80 mm
PRODUCT HEIGHT	75 mm
PRODUCT WIDTH	35 mm
PRODUCT WEIGHT	0.234 kg
COMPLIANCES	RoHS conform
MODEL CODE	PXL-C50/1N

Product specifications

USED WITH	Miniature circuit breaker PXL
AMPERAGE RATING	50 A
FEATURES	Additional equipment possible Concurrently switching N- neutral
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	2

Resources

DECLARATIONS OF CONFORMITY	DA-DC-03_PXL
ECAD MODEL	DA-CE-ETN.PXL-C50_1N
INSTALLATION INSTRUCTIONS	eaton-rccb-rcbo-g9- il019140zu.pdf
MCAD MODEL	pls_2p.stp pls_2p.dwg
PEP ECO-PASSPORT	EATO-00046-V01.01-EN

MODULAR SPACINGS	
VOLTAGE TYPE	AC
OVERVOLTAGE CATEGORY	III
NUMBER OF POLES	Single-pole + N
RELEASE CHARACTERISTIC	C

TYPE	• 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	• Switchgear for residential and commercial applications • xPole - Switchgear for residential and commercial applications
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NUMBER OF POLES (PROTECTED)	1
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NUMBER OF POLES (TOTAL)	2
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RATED INSULATION VOLTAGE (UI)	440 V
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RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)	50 A
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RATED OPERATIONAL VOLTAGE (UE) - MAX	230 V
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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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RATED SWITCHING	
CAPACITY (IEC/EN 60898-1)	10 kA
STATIC HEAT DISSIPATION, NON-CURRENT-DEPENDENT	0 W
POWER LOSS	5.3 W

PROJECT NAME:
PROJECT NUMBER:
PREPARED BY:
DATE:



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