

# Specifications

## Eaton 236685

Eaton Moeller series xPole - PXL MCB. PXL, 1-pole, tripping characteristic: C, rated current In: 10 A

### General specifications

<b>PRODUCT NAME</b>	Eaton Moeller series xPole - PXL MCB
<b>CATALOG NUMBER</b>	236685
<b>EAN</b>	4015082366858
<b>PRODUCT LENGTH/DEPTH</b>	80 mm
<b>PRODUCT HEIGHT</b>	75 mm
<b>PRODUCT WIDTH</b>	17.5 mm
<b>PRODUCT WEIGHT</b>	0.109 kg
<b>COMPLIANCES</b>	RoHS conform
<b>MODEL CODE</b>	PXL-C10-DC

## Product specifications

<b>USED WITH</b>	Miniature circuit breaker PXL
<b>AMPERAGE RATING</b>	10 A
<b>FEATURES</b>	Additional equipment possible
<b>POLLUTION DEGREE</b>	2
<b>DEGREE OF PROTECTION</b>	IP20
<b>RATED IMPULSE WITHSTAND VOLTAGE (UIMP)</b>	4 kV
<b>TRIPPING CHARACTERISTIC</b>	C
<b>AMBIENT OPERATING TEMPERATURE - MAX</b>	55 °C
<b>AMBIENT OPERATING TEMPERATURE - MIN</b>	-25 °C
<b>BUILT-IN DEPTH</b>	70.5 mm
<b>CONNECTABLE CONDUCTOR CROSS SECTION (MULTI-WIRED) - MAX</b>	25 mm <sup>2</sup>
<b>CONNECTABLE CONDUCTOR CROSS SECTION (MULTI-WIRED) - MIN</b>	1 mm <sup>2</sup>
<b>CONNECTABLE CONDUCTOR CROSS SECTION (SOLID-CORE) - MAX</b>	25 mm <sup>2</sup>
<b>CONNECTABLE CONDUCTOR CROSS SECTION (SOLID-CORE) - MIN</b>	1 mm <sup>2</sup>
<b>CURRENT LIMITING CLASS</b>	3
<b>FREQUENCY RATING - MAX</b>	60 Hz
<b>FREQUENCY RATING - MIN</b>	50 Hz
<b>HEAT DISSIPATION CAPACITY</b>	0 W
<b>HEAT DISSIPATION PER POLE, CURRENT- DEPENDENT</b>	0 W
<b>WIDTH IN NUMBER OF MODULAR SPACINGS</b>	1
<b>VOLTAGE TYPE</b>	DC

## Resources

### DECLARATIONS OF CONFORMITY

[DA-DC-03\\_PXL](#)

### ECAD MODEL

[DA-CE-ETN.PXL-C10-DC](#)

### INSTALLATION INSTRUCTIONS

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

### MCAD MODEL

[pls\\_1p.stp pls\\_1p.dwg](#)

<b>OVERVOLTAGE CATEGORY</b>	III
<b>NUMBER OF POLES</b>	Single-pole
<b>RELEASE CHARACTERISTIC</b>	C

<b>TYPE</b>	<ul style="list-style-type: none"> <li>• Miniature circuit breaker</li> <li>• PXL</li> </ul>
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<b>SPECIAL FEATURES</b>	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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<b>APPLICATION</b>	<ul style="list-style-type: none"> <li>• Switchgear for residential and commercial applications</li> <li>• xPole - Switchgear for residential and commercial applications</li> </ul>
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<b>NUMBER OF POLES (PROTECTED)</b>	1
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<b>NUMBER OF POLES (TOTAL)</b>	1
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<b>RATED INSULATION VOLTAGE (UI)</b>	440 V
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<b>RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)</b>	10 A
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<b>RATED OPERATIONAL VOLTAGE (UE) - MAX</b>	48 V
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<b>RATED SHORT-CIRCUIT BREAKING CAPACITY (EN 60898) AT 230 V</b>	0 kA
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<b>RATED SHORT-CIRCUIT BREAKING CAPACITY (EN 60898) AT 400 V</b>	0 kA
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<b>RATED SHORT-CIRCUIT BREAKING CAPACITY (IEC 60947-2) AT 230 V</b>	10 kA
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<b>RATED SHORT-CIRCUIT BREAKING CAPACITY (IEC 60947-2) AT 400 V</b>	10 kA
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<b>RATED SWITCHING CAPACITY (IEC/EN 60947-2)</b>	10 kA
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<b>STATIC HEAT DISSIPATION, NON- CURRENT-DEPENDENT</b>	0 W
<b>POWER LOSS</b>	1.8 W

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**PROJECT NAME:**

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**PROJECT NUMBER:**

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**PREPARED BY:**

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**DATE:**

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