

# Specifications



## Eaton 264744

Eaton Moeller series xPole - PLG4/6 MCB. PLG4, 1-pole+N, tripping characteristic: C, rated current  $I_n$ : 10 A, rated switching capacity IEC/EN 60898-1: 4.5 kA

### General specifications

<b>PRODUCT NAME</b>	Eaton Moeller series xPole - PLG4/6 MCB
<b>CATALOG NUMBER</b>	264744
<b>MODEL CODE</b>	PLG4-C10/1N
<b>EAN</b>	4015082647445
<b>PRODUCT LENGTH/DEPTH</b>	86 mm
<b>PRODUCT HEIGHT</b>	73 mm
<b>PRODUCT WIDTH</b>	17.5 mm
<b>PRODUCT WEIGHT</b>	0.13 kg
<b>COMPLIANCES</b>	RoHS conform
<b>GLOBAL CATALOG</b>	264744
<b>PRODUCT TYPE</b>	MCB



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## Product specifications

<b>USED WITH</b>	PLG4 Miniature circuit breaker
<b>AMPERAGE RATING</b>	10 A
<b>FEATURES</b>	Additional equipment possible Concurrently switching N-neutral
<b>POLLUTION DEGREE</b>	2
<b>DEGREE OF PROTECTION</b>	IP20
<b>EQUIPMENT HEAT DISSIPATION, CURRENT-DEPENDENT</b>	2.2 W
<b>RATED IMPULSE WITHSTAND VOLTAGE (UIMP)</b>	4 kV
<b>TRIPPING CHARACTERISTIC</b>	C
<b>AMBIENT OPERATING TEMPERATURE - MAX</b>	75 °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

## Resources

	<a href="#">eaton-plg6-xpole-miniature-circuit-breaker-180307-en-us.pdf</a>
CATALOGS	<a href="#">eaton-xpole-accessories-ca019015en-en-us.pdf</a> <a href="#">eaton-plg4-xpole-miniature-circuit-breaker-180307-en-us.pdf</a>
CHARACTERISTIC CURVE	<a href="#">eaton-xeffect-faz-dc-mcb-characteristic-curve-003.jpg</a> <a href="#">eaton-xpole-plg4-6-mcb-characteristic-curve-002.jpg</a>
DECLARATIONS OF CONFORMITY	<a href="#">eaton-mcb-declaration-of-conformity-eu250402en.pdf</a>
DRAWINGS	<a href="#">eaton-xeffect-faz-dc-mcb-dimensions-005.jpg</a> <a href="#">eaton-xeffect-faz-dc-mcb-3d-drawing-002.jpg</a>
INSTALLATION INSTRUCTIONS	<a href="#">eaton-rccb-rcbo-g9-il019140zu.pdf</a>
WIRING DIAGRAMS	<a href="#">eaton-xpole-plg4-6-mcb-wiring-diagram.jpg</a>

<b>WIDTH IN NUMBER OF MODULAR SPACINGS</b>	1
<b>VOLTAGE TYPE</b>	AC
<b>OVERVOLTAGE CATEGORY</b>	III
<b>NUMBER OF POLES</b>	Single-pole + N
<b>RELEASE CHARACTERISTIC</b>	C
<b>TYPE</b>	<ul style="list-style-type: none"> <li>• Miniature circuit breaker</li> <li>• PLG4</li> </ul>
<b>SPECIAL FEATURES</b>	Ambient temperature hint: a 1 °C increase results in a 0.5% linear reduction of current carrying capacity
<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>
<b>NUMBER OF POLES (PROTECTED)</b>	1
<b>NUMBER OF POLES (TOTAL)</b>	2
<b>RATED INSULATION VOLTAGE (UI)</b>	440 V
<b>RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)</b>	10 A
<b>RATED OPERATIONAL VOLTAGE (UE) - MAX</b>	230 V
<b>RATED SHORT-CIRCUIT BREAKING CAPACITY (IEC/EN 60898-1) - ICN AT 230 V</b>	4.5 kA
<b>RATED SHORT-CIRCUIT BREAKING CAPACITY (IEC/EN 60898-1)- ICN AT 400 V</b>	4.5 kA
<b>RATED SWITCHING CAPACITY (IEC/EN 60898-1)</b>	4.5 kA
<b>STATIC HEAT DISSIPATION, NON-CURRENT-DEPENDENT</b>	0 W
<b>POWER LOSS</b>	1.9 W

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**PROJECT NAME:**

**PROJECT NUMBER:**

**PREPARED BY:**

**DATE:**

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