

# Specyfikacje



## Eaton 264895

Eaton Moeller series xPole - PL7-DC MCB. PL7, 2-pole, tripping characteristic: C, rated current In: 1 A, rated switching capacity acc. to IEC/EN 60947-2: 10 kA, Switchgear for DC applications

### General specifications

<b>PRODUCT NAME</b>	Eaton Moeller series xPole - PL7-DC MCB
<b>CATALOG NUMBER</b>	264895
<b>EAN</b>	4015082648954
<b>PRODUCT LENGTH/DEPTH</b>	80 mm
<b>PRODUCT HEIGHT</b>	72 mm
<b>PRODUCT WIDTH</b>	35.4 mm
<b>PRODUCT WEIGHT</b>	0.24 kg
<b>COMPLIANCES</b>	RoHS conform
<b>MODEL CODE</b>	PL7-C1/2-DC



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## Delivery program

<b>APPLICATION</b>	Switchgear for DC applications
<b>NUMBER OF POLES</b>	Two-pole
<b>NUMBER OF POLES (TOTAL)</b>	2
<b>NUMBER OF POLES (PROTECTED)</b>	2
<b>TRIPPING CHARACTERISTIC</b>	C
<b>RELEASE CHARACTERISTIC</b>	C
<b>AMPERAGE RATING</b>	1 A
<b>TYPE</b>	<ul style="list-style-type: none"><li>• Miniature circuit breaker</li><li>• PL7</li></ul>

## Technical data - electrical

<b>VOLTAGE TYPE</b>	DC
<b>RATED OPERATIONAL VOLTAGE (UE) - MAX</b>	220 V
<b>RATED INSULATION VOLTAGE (UI)</b>	440 V
<b>RATED IMPULSE WITHSTAND VOLTAGE (UIMP)</b>	4 kV
<b>FREQUENCY RATING - MIN</b>	0 Hz
<b>FREQUENCY RATING - MAX</b>	0 Hz
<b>RATED SWITCHING CAPACITY (IEC/EN 60947-2)</b>	10 kA
<b>RATED SHORT-CIRCUIT BREAKING CAPACITY (IEC/EN 60898-1) - ICN AT 230 V</b>	0 kA
<b>RATED SHORT-CIRCUIT BREAKING CAPACITY (IEC/EN 60898-1)- ICN AT 400 V</b>	0 kA
<b>RATED SHORT-CIRCUIT BREAKING CAPACITY (IEC 60947-2)- ICU AT 230 V</b>	10 kA
<b>RATED SHORT-CIRCUIT BREAKING CAPACITY (IEC 60947-2)- ICU AT 400 V</b>	10 kA
<b>OVERVOLTAGE CATEGORY</b>	III
<b>POLLUTION DEGREE</b>	2

## Technical data - mechanical

<b>WIDTH IN NUMBER OF MODULAR SPACINGS</b>	2
<b>BUILT-IN DEPTH</b>	70.5 mm
<b>DEGREE OF PROTECTION</b>	IP20
<b>CONNECTABLE CONDUCTOR CROSS SECTION (SOLID-CORE) - 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 (MULTI-WIRED) - MIN</b>	1 mm <sup>2</sup>
<b>CONNECTABLE CONDUCTOR CROSS SECTION (MULTI-WIRED) - MAX</b>	25 mm <sup>2</sup>

## Additional information

<b>CURRENT LIMITING CLASS</b>	3
<b>FEATURES</b>	Additional equipment possible
<b>SPECIAL FEATURES</b>	Ambient temperature hint: a 1 °C increase results in a 0.5% linear reduction of current carrying capacity
<b>USED WITH</b>	Miniature circuit breaker PL7

## Design verification as per IEC/EN 61439 - technical data

<b>RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)</b>	1 A
<b>HEAT DISSIPATION PER POLE, CURRENT-DEPENDENT</b>	0 W
<b>STATIC HEAT DISSIPATION, NON-CURRENT-DEPENDENT</b>	0 W
<b>HEAT DISSIPATION CAPACITY</b>	0 W
<b>AMBIENT OPERATING TEMPERATURE - MIN</b>	-25 °C
<b>AMBIENT OPERATING TEMPERATURE - MAX</b>	75 °C

## Do pobrania

<b>CHARACTERISTIC CURVE</b>	<a href="#">eaton-xeffect-faz-dc-mcb-characteristic-curve-002.jpg</a> <a href="#">eaton-xeffect-faz-dc-mcb-characteristic-curve.jpg</a>
<b>DEKLARACJE ZGODNOŚCI</b>	<a href="#">eaton-mcb-declaration-of-conformity-eu250418en.pdf</a>
<b>INSTRUKCJE MONTAŻU</b>	<a href="#">eaton-rccb-rcbo-g9-il019140zu.pdf</a>
<b>KATALOGI</b>	<a href="#">eaton-xpole-pl7-dc-mcb-catalog-ca019070en-en-us.pdf</a>
<b>MODELE MCAD</b>	<a href="#">pls_2p.dwg pls_2p.stp</a>
<b>RYSUNKI</b>	<a href="#">eaton-xpole-mmc4-6-m-mcb-dimensions.jpg</a>
<b>SCHEMATY POŁĄCZEŃ</b>	<a href="#">eaton-xeffect-faz-dc-mcb-wiring-diagram-002.jpg</a>

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**PROJECT NAME:**

**PROJECT NUMBER:**

**PREPARED BY:**

**DATA:**

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