

# Specifications



## Eaton 101303

Eaton Moeller series xPole - PLI MCB.  
Miniature circuit breaker (MCB) with plug-in terminal, 6 A, 2p, characteristic: D

### General specifications

|                             |                                      |
|-----------------------------|--------------------------------------|
| <b>PRODUCT NAME</b>         | Eaton Moeller series xPole - PLI MCB |
| <b>CATALOG NUMBER</b>       | 101303                               |
| <b>MODEL CODE</b>           | PLI-D6/2                             |
| <b>EAN</b>                  | 4015081012381                        |
| <b>PRODUCT LENGTH/DEPTH</b> | 84 mm                                |
| <b>PRODUCT HEIGHT</b>       | 75.5 mm                              |
| <b>PRODUCT WIDTH</b>        | 35 mm                                |
| <b>PRODUCT WEIGHT</b>       | 0.216 kg                             |
| <b>COMPLIANCES</b>          | RoHS conform                         |
| <b>GLOBAL CATALOG</b>       | 101303                               |



Powering Business Worldwide

## Product specifications

|  |                                  |
|--|----------------------------------|
| <b>USED WITH</b>   | PLI<br>Miniature circuit breaker |
| <b>AMPERAGE RATING</b>   | 6 A                              |
| <b>FEATURES</b>  | Additional equipment possible    |
| <b>POLLUTION DEGREE</b>  | 2                                |
| <b>DEGREE OF PROTECTION</b>                                    | IP20                             |
| <b>EQUIPMENT HEAT DISSIPATION, CURRENT-DEPENDENT</b>           | 2.9 W                            |
| <b>RATED IMPULSE WITHSTAND VOLTAGE (UIMP)</b>                  | 4 kV                             |
| <b>TRIPPING CHARACTERISTIC</b>                                 | D                                |
| <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                              |
| <b>WIDTH IN NUMBER OF MODULAR SPACINGS</b>                     | 2                                |

## Resources

|                            |   |
|----------------------------|---|
|                            | <a href="#">eaton-xpole-pli-mcb-catalog-ca019072en-en-us.pdf</a>  |
| CATALOGS                   | <a href="#">eaton-xpole-accessories-ca019015en-en-us.pdf</a><br><a href="#">eaton-xpole-protective-devices-catalog-ca019014en-en-us.pdf</a> |
| DECLARATIONS OF CONFORMITY | <a href="#">eaton-mcb-declaration-of-conformity-eu250403en.pdf</a>  |
| DRAWINGS                   | <a href="#">eaton-xpole-pli-mcb-dimensions.jpg</a>  |
| INSTALLATION INSTRUCTIONS  | <a href="#">IL019073ZU</a>  |
| MCAD MODEL                 | <a href="#">eaton-pli_mcb_2p-drawing.dwg</a><br><a href="#">eaton-pli_mcb_2p-3d-model.stp</a>   |
| PEP ECO-PASSPORT           | <a href="#">EATO-00048-V01.01-EN</a>  |
| WIRING DIAGRAMS            | <a href="#">eaton-xpole-mmc4-6-m-mcb-wiring-diagram-003.jpg</a>   |

|  |  |
|--|--|
| <b>VOLTAGE TYPE</b>  | AC   |
| <b>OVERVOLTAGE CATEGORY</b>  | III  |
| <b>NUMBER OF POLES</b>   | Two-pole   |
| <b>RELEASE CHARACTERISTIC</b>  | D  |
| <b>TYPE</b>  | <ul style="list-style-type: none"> <li>• Miniature circuit breaker</li> <li>• PLI</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>   | 2  |
| <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>         | 6 A  |
| <b>RATED OPERATIONAL VOLTAGE (UE) - MAX</b>                                  | 400 V  |
| <b>RATED SHORT-CIRCUIT BREAKING CAPACITY (IEC/EN 60898-1) - ICN AT 230 V</b> | 10 kA  |
| <b>RATED SHORT-CIRCUIT BREAKING CAPACITY (IEC/EN 60898-1)- ICN AT 400 V</b>  | 10 kA  |
| <b>RATED SHORT-CIRCUIT BREAKING CAPACITY (IEC 60947-2)- ICU AT 230 V</b>     | 0 kA   |
| <b>RATED SHORT-CIRCUIT BREAKING CAPACITY (IEC 60947-2)- ICU AT 400 V</b>     | 0 kA   |
| <b>RATED SWITCHING CAPACITY (IEC/EN 60898-1)</b>                             | 10 kA  |
| <b>STATIC HEAT</b>   | 0 W  |

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**DISSIPATION, NON-  
CURRENT-DEPENDENT**

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|                   |       |
|-------------------|-------|
| <b>POWER LOSS</b> | 2.4 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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