



Eaton 263186

Eaton Moeller series xPole - PLN4 MCB.
PLN4, 1-pole+N, tripping characteristic: B,
rated current In: 40 A, rated switching
capacity IEC/EN 60898-1: 4.5 kA



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| PRODUCT NAME | Eaton Moeller series xPole - PLN4 MCB |
| CATALOG NUMBER | 263186 |
| PRODUCT LENGTH/DEPTH | 80 mm |
| PRODUCT HEIGHT | 75 mm |
| PRODUCT WIDTH | 17.5 mm |
| PRODUCT WEIGHT | 0.124 kg |
| COMPLIANCES | RoHS conform |



Powering Business Worldwide

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| USED WITH | Miniature circuit breaker PLN4 |
| AMPERAGE RATING | 40 A |
| FEATURES | Concurrently switching N- neutral Additional equipment possible |
| POLLUTION DEGREE | 2 |
| DEGREE OF PROTECTION | IP20 |
| EQUIPMENT HEAT DISSIPATION, CURRENT- DEPENDENT | 7.4 W |
| RATED IMPULSE WITHSTAND VOLTAGE (UIMP) | 4 kV |
| TRIPPING CHARACTERISTIC | B |
| AMBIENT OPERATING TEMPERATURE - MAX | 75 °C |
| AMBIENT OPERATING TEMPERATURE - MIN | -25 °C |
| BUILT-IN DEPTH | 70.5 mm |
| CONNECTABLE CONDUCTOR CROSS SECTION (MULTI-WIRED) - MAX | 16 mm ² |
| CONNECTABLE CONDUCTOR CROSS SECTION (MULTI-WIRED) - MIN | 1 mm ² |
| CONNECTABLE CONDUCTOR CROSS SECTION (SOLID-CORE) - MAX | 16 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 |

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| CHARACTERISTIC CURVE | eaton-xeffect-faz-dc-mcb-characteristic-curve-004.jpg eaton-xeffect-faz-dc-mcb-characteristic-curve-003.jpg |
| PEP ECO-PASSPORT | eaton-non-selective-universal-mcb-pep-eato-00058-v0101-en.pdf |
| □□□□□ | eaton-rccb-rcbo-g9-il019140zu.pdf |
| □□□ | eaton-xeffect-faz-dc-mcb-wiring-diagram-003.jpg |
| □□□□ | eaton-xpole-pln4-mcb-catalog-ca019074en-en-us.pdf |
| □□ | eaton-xeffect-faz-dc-mcb-dimensions-005.jpg eaton-xeffect-faz-dc-mcb-3d-drawing-003.jpg |

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| WIDTH IN NUMBER OF MODULAR SPACINGS | 1 |
| VOLTAGE TYPE | AC |
| OVERVOLTAGE CATEGORY | III |
| NUMBER OF POLES | Single-pole + N |
| RELEASE CHARACTERISTIC | B |
| TYPE | <ul style="list-style-type: none"> • Miniature circuit breaker • PLN4 |
| SPECIAL FEATURES | Ambient temperature hint: a 1 °C increase results in a 0.5% linear reduction of current carrying capacity |
| APPLICATION | <ul style="list-style-type: none"> • Switchgear for residential and commercial applications • xPole - Switchgear for residential and commercial applications |
| NUMBER OF POLES (PROTECTED) | 1 |
| NUMBER OF POLES (TOTAL) | 2 |
| RATED INSULATION VOLTAGE (UI) | 440 V |
| RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN) | 40 A |
| RATED OPERATIONAL VOLTAGE (UE) - MAX | 230 V |
| RATED SHORT-CIRCUIT BREAKING CAPACITY (IEC/EN 60898-1) - ICN AT 230 V | 4.5 kA |
| RATED SHORT-CIRCUIT BREAKING CAPACITY (IEC/EN 60898-1)- ICN AT 400 V | 4.5 kA |
| RATED SWITCHING CAPACITY (IEC/EN 60898-1) | 4.5 kA |
| STATIC HEAT DISSIPATION, NON-CURRENT-DEPENDENT | 0 W |
| POWER LOSS | 6.5 W |

