



Eaton 263638

Eaton Moeller series xPole - PF6/7 RCCB.
Residual current circuit breaker (RCCB), 40A,
4 p, 100mA, type U

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| PRODUCT NAME | Eaton Moeller series xPole - PF6/7 RCCB |
| CATALOG NUMBER | 263638 |
| PRODUCT LENGTH/DEPTH | 72 mm |
| PRODUCT HEIGHT | 80 mm |
| PRODUCT WIDTH | 70 mm |
| PRODUCT WEIGHT | 0.32 kg |
| COMPLIANCES | RoHS conform |
| CERTIFICATIONS | IEC/EN 61008 |



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| USED WITH | Residual current circuit breakers PF7 Type U |
| AMPERAGE RATING | 40 A |
| FEATURES | Additional equipment possible Residual current circuit breaker Selective protection |
| 10.10 TEMPERATURE RISE | The panel builder is responsible for the temperature rise calculation. Eaton will provide heat dissipation data for the devices. |
| 10.11 SHORT-CIRCUIT RATING | Is the panel builder's responsibility. The specifications for the switchgear must be observed. |
| 10.12 ELECTROMAGNETIC COMPATIBILITY | Is the panel builder's responsibility. The specifications for the switchgear must be observed. |
| 10.13 MECHANICAL FUNCTION | The device meets the requirements, provided the information in the instruction leaflet (IL) is observed. |
| 10.2.2 CORROSION RESISTANCE | Meets the product standard's requirements. |
| 10.2.3.1 VERIFICATION OF THERMAL STABILITY OF ENCLOSURES | Meets the product standard's requirements. |
| 10.2.3.2 VERIFICATION OF RESISTANCE OF INSULATING MATERIALS TO NORMAL HEAT | Meets the product standard's requirements. |
| 10.2.3.3 RESIST. OF INSUL. MAT. TO ABNORMAL HEAT/FIRE BY INTERNAL ELECT. EFFECTS | Meets the product standard's requirements. |
| 10.2.4 RESISTANCE TO ULTRA-VIOLET (UV) RADIATION | Meets the product standard's requirements. |
| 10.2.5 LIFTING | Does not apply, since the entire switchgear needs to be evaluated. |
| 10.2.6 MECHANICAL | Does not apply, since the |

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| | eaton-xpole-pf6-rccb-catalog-ca019034en-en-us.pdf |
| □□ | eaton-circuit-breaker-xeffect-frcmm-rccb-dimensions.jpg |
| | eaton-xpole-pf67-rccb-3d-drawing.jpg |

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| IMPACT | entire switchgear needs to be evaluated. |
| 10.2.7 INSCRIPTIONS | Meets the product standard's requirements. |
| 10.3 DEGREE OF PROTECTION OF ASSEMBLIES | Does not apply, since the entire switchgear needs to be evaluated. |
| 10.4 CLEARANCES AND CREEPAGE DISTANCES | Meets the product standard's requirements. |
| 10.5 PROTECTION AGAINST ELECTRIC SHOCK | Does not apply, since the entire switchgear needs to be evaluated. |
| 10.6 INCORPORATION OF SWITCHING DEVICES AND COMPONENTS | Does not apply, since the entire switchgear needs to be evaluated. |
| 10.7 INTERNAL ELECTRICAL CIRCUITS AND CONNECTIONS | Is the panel builder's responsibility. |
| 10.8 CONNECTIONS FOR EXTERNAL CONDUCTORS | Is the panel builder's responsibility. |
| 10.9.2 POWER-FREQUENCY ELECTRIC STRENGTH | Is the panel builder's responsibility. |
| 10.9.3 IMPULSE WITHSTAND VOLTAGE | Is the panel builder's responsibility. |
| 10.9.4 TESTING OF ENCLOSURES MADE OF INSULATING MATERIAL | Is the panel builder's responsibility. |
| FITTED WITH: | Interlocking device |
| FREQUENCY RATING | 50 Hz |
| POLLUTION DEGREE | 2 |
| MOUNTING METHOD | DIN rail |
| EQUIPMENT HEAT DISSIPATION, CURRENT-DEPENDENT | 8.4 W |
| RATED IMPULSE WITHSTAND VOLTAGE (UIMP) | 4 kV |
| RATED SHORT-TIME WITHSTAND CURRENT (ICW) | 10 kA |
| ADMISSIBLE BACK-UP FUSE OVERLOAD - MAX | 25 A gG/gL |
| BUSBAR MATERIAL THICKNESS | 0.8 mm - 2 mm |
| SHORT-CIRCUIT RATING | 63 A (max. admissible back-up fuse) |
| AMBIENT OPERATING TEMPERATURE - MAX | 60 °C |
| AMBIENT OPERATING TEMPERATURE - MIN | -25 °C |

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| BUILT-IN DEPTH | 69.5 mm |
| CONNECTABLE CONDUCTOR CROSS SECTION (MULTI-WIRED) - MAX | 16 mm ² |
| CONNECTABLE CONDUCTOR CROSS SECTION (MULTI-WIRED) - MIN | 1.5 mm ² |
| CONNECTABLE CONDUCTOR CROSS SECTION (SOLID-CORE) - MAX | 35 mm ² |
| CONNECTABLE CONDUCTOR CROSS SECTION (SOLID-CORE) - MIN | 1.5 mm ² |
| FAULT CURRENT RATING | 100 mA |
| HEAT DISSIPATION CAPACITY | 0 W |
| HEAT DISSIPATION PER POLE, CURRENT-DEPENDENT | 0 W |
| DEGREE OF PROTECTION | IP20 |
| IMPULSE WITHSTAND CURRENT | Surge-proof 5 kA |
| NUMBER OF POLES | Four-pole |
| LEAKAGE CURRENT TYPE | A |
| TYPE | <ul style="list-style-type: none"> • PF7 • Residual current circuit breakers • Type U |
| SPECIAL FEATURES | Maximum operating temperature is 60 °C: Starting at 40 °C, the max. permissible continuous current decreases by 2.5% for every 1 °C |
| APPLICATION | Residual current circuit breaker - frequency converter-proof |
| SENSITIVITY TYPE | Pulse-current sensitive, suitable for variable frequency drives |
| RATED FAULT CURRENT - MAX | 0.1 A |
| RATED FAULT CURRENT - MIN | 0.1 A |
| RATED INSULATION VOLTAGE (UI) | 440 V |

