

# Specifications



## Eaton 118907

Eaton Moeller series NZM - Molded Case Circuit Breaker. Connection block for component adapters 4p, size 2

### General specifications

|                             |                                                                                                                                                                                                                                               |
|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>PRODUCT NAME</b>         | Eaton Moeller series NZM multi-function device adapter                                                                                                                                                                                        |
| <b>CATALOG NUMBER</b>       | 118907                                                                                                                                                                                                                                        |
| <b>MODEL CODE</b>           | NZM2-4-XKR4                                                                                                                                                                                                                                   |
| <b>EAN</b>                  | 4015081171064                                                                                                                                                                                                                                 |
| <b>PRODUCT LENGTH/DEPTH</b> | 136 mm                                                                                                                                                                                                                                        |
| <b>PRODUCT HEIGHT</b>       | 35 mm                                                                                                                                                                                                                                         |
| <b>PRODUCT WIDTH</b>        | 93 mm                                                                                                                                                                                                                                         |
| <b>PRODUCT WEIGHT</b>       | 0.2 kg                                                                                                                                                                                                                                        |
| <b>COMPLIANCES</b>          | IEC<br>RoHS conform                                                                                                                                                                                                                           |
| <b>CERTIFICATIONS</b>       | CSA-C22.2 No. 5-09<br>Specially designed for North America<br>UL listed<br>CE marking<br>IEC60947-2<br>UL489<br>UL (File No. E31593)<br>CSA (File No. 22086)<br>UL (Category Control Number DIVQ)<br>CSA certified<br>CSA (Class No. 1432-01) |
| <b>GLOBAL CATALOG</b>       | 118907                                                                                                                                                                                                                                        |

## Product specifications

|                                                                                         |                                                                                                                                  |
|-----------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| <b>USED WITH</b>                                                                        | PN2-4<br>N2-4<br>Feeder circuits, branch circuits<br>NZM2-4                                                                      |
| <b>AMPERAGE RATING</b>                                                                  | 250 A                                                                                                                            |
| <b>10.10 TEMPERATURE RISE</b>                                                           | The panel builder is responsible for the temperature rise calculation. Eaton will provide heat dissipation data for the devices. |
| <b>10.11 SHORT-CIRCUIT RATING</b>                                                       | Is the panel builder's responsibility. The specifications for the switchgear must be observed.                                   |
| <b>10.12 ELECTROMAGNETIC COMPATIBILITY</b>                                              | Is the panel builder's responsibility. The specifications for the switchgear must be observed.                                   |
| <b>10.13 MECHANICAL FUNCTION</b>                                                        | The device meets the requirements, provided the information in the instruction leaflet (IL) is observed.                         |
| <b>10.2.2 CORROSION RESISTANCE</b>                                                      | Meets the product standard's requirements.                                                                                       |
| <b>10.2.3.1 VERIFICATION OF THERMAL STABILITY OF ENCLOSURES</b>                         | Meets the product standard's requirements.                                                                                       |
| <b>10.2.3.2 VERIFICATION OF RESISTANCE OF INSULATING MATERIALS TO NORMAL HEAT</b>       | Meets the product standard's requirements.                                                                                       |
| <b>10.2.3.3 RESIST. OF INSUL. MAT. TO ABNORMAL HEAT/FIRE BY INTERNAL ELECT. EFFECTS</b> | Meets the product standard's requirements.                                                                                       |
| <b>10.2.4 RESISTANCE TO ULTRA-VIOLET (UV) RADIATION</b>                                 | Meets the product standard's requirements.                                                                                       |
| <b>10.2.5 LIFTING</b>                                                                   | Does not apply, since the entire switchgear needs to be evaluated.                                                               |
| <b>10.2.6 MECHANICAL IMPACT</b>                                                         | Does not apply, since the entire switchgear needs to be evaluated.                                                               |

## Resources

|                                  |                                                                                                                                                                          |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>BROCHURES</b>                 | <a href="#">eaton-digital-nzm-brochure-br013003en-en-us.pdf</a><br><br><a href="#">eaton-feerum-the-whole-grain-solution-success-story-en-us.pdf</a>                     |
| <b>CATALOGS</b>                  | <a href="#">eaton-digital-nzm-catalog-ca013003en-en-us.pdf</a>                                                                                                           |
| <b>DRAWINGS</b>                  | <a href="#">eaton-circuit-breaker-connection-nzm-rear-connection-dimensions-003.eps</a><br><br><a href="#">eaton-circuit-breaker-nzm-connection-block-3d-drawing.eps</a> |
| <b>INSTALLATION INSTRUCTIONS</b> | <a href="#">eaton-circuit-breakers-nzm2-xkr-o-u-rear-connection-instruction-leaflet-il01219047z.pdf</a>                                                                  |
| <b>INSTALLATION VIDEOS</b>       | <a href="#">The new digital NZM Range</a><br><br><a href="#">Introduction of the new digital circuit breaker NZM</a>                                                     |
| <b>MCAD MODEL</b>                | <a href="#">nzm2_4_xkr4.dwg</a><br><br><a href="#">nzm2_4_xkr4.stp</a>                                                                                                   |
| <b>TECHNICAL DATA SHEETS</b>     | <a href="#">eaton-nzm-technical-information-sheet</a>                                                                                                                    |

|                                                                 |                                                                                                                                    |
|-----------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| <b>10.2.7 INSCRIPTIONS</b>                                      | Meets the product standard's requirements.                                                                                         |
| <b>10.3 DEGREE OF PROTECTION OF ASSEMBLIES</b>                  | Does not apply, since the entire switchgear needs to be evaluated.                                                                 |
| <b>10.4 CLEARANCES AND CREEPAGE DISTANCES</b>                   | Meets the product standard's requirements.                                                                                         |
| <b>10.5 PROTECTION AGAINST ELECTRIC SHOCK</b>                   | Does not apply, since the entire switchgear needs to be evaluated.                                                                 |
| <b>10.6 INCORPORATION OF SWITCHING DEVICES AND COMPONENTS</b>   | Does not apply, since the entire switchgear needs to be evaluated.                                                                 |
| <b>10.7 INTERNAL ELECTRICAL CIRCUITS AND CONNECTIONS</b>        | Is the panel builder's responsibility.                                                                                             |
| <b>10.8 CONNECTIONS FOR EXTERNAL CONDUCTORS</b>                 | Is the panel builder's responsibility.                                                                                             |
| <b>10.9.2 POWER-FREQUENCY ELECTRIC STRENGTH</b>                 | Is the panel builder's responsibility.                                                                                             |
| <b>10.9.3 IMPULSE WITHSTAND VOLTAGE</b>                         | Is the panel builder's responsibility.                                                                                             |
| <b>10.9.4 TESTING OF ENCLOSURES MADE OF INSULATING MATERIAL</b> | Is the panel builder's responsibility.                                                                                             |
| <b>FRAME</b>                                                    | NZM2                                                                                                                               |
| <b>SUITABLE FOR</b>                                             | Four-pole                                                                                                                          |
| <b>VOLTAGE RATING (UL CSA 13)</b>                               | Max. 480 Y / 277 V                                                                                                                 |
| <b>DEGREE OF PROTECTION</b>                                     | IP20                                                                                                                               |
| <b>NUMBER OF POLES</b>                                          | Four-pole                                                                                                                          |
| <b>MODEL</b>                                                    | Other                                                                                                                              |
| <b>TYPE</b>                                                     | 60 mm system Accessory<br>Accessory, multifunction component adapter<br>Connection block<br>Connection block for component adapter |
| <b>SPECIAL FEATURES</b>                                         | Current limiting circuit breaker For NZM2 component adapter                                                                        |

|                 |
|-----------------|
| PROJECT NAME:   |
| PROJECT NUMBER: |
| PREPARED BY:    |
| DATE:           |



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