

Box terminal, 3p, up to 160 A

**Part no.** NZM2-160-XXC  
**262240**  
**EL Number** 4358778  
**(Norway)**

| General specifications   |   |
|--|---|
| Product name   | Eaton Moeller series NZM connection type  |
| Part no.   | NZM2-160-XXC  |
| EAN  | 4015082622404   |
| Product Length/Depth   | 103 millimetre  |
| Product height   | 184 millimetre  |
| Product width  | 105 millimetre  |
| Product weight   | 0.243 kilogram  |
| Compliances  | UL/CSA<br>IEC<br>RoHS conform   |
| Certifications   | CSA (File No. 22086)<br>IEC60947<br>UL (File No. E31593)<br>UL listed<br>CE marking<br>CSA-C22.2 No. 5-09<br>CSA (Class No. 1432-01)<br>UL489<br>CSA certified<br>UL (Category Control Number DIHS)       |
| Product Tradename  | NZM   |
| Product Type   | Accessories   |
| Product Sub Type   | Connection type   |
| Delivery program   |   |
| Type   | Accessory<br>Box terminal   |
| Number of poles  | Three-pole  |
| Amperage Rating  | ≤ 160 A   |
| Frame  | NZM2  |
| Suitable for   | Three-pole<br>Copper cable  |
| Used with  | NZM2(-4), PN2(-4), N(S)2(-4)  |
| Technical Data - Mechanical - Terminals  |   |
| Terminal capacity (stranded cable)   | 10 mm <sup>2</sup> - 185 mm <sup>2</sup> (1x)<br>4 mm <sup>2</sup> - 70 mm <sup>2</sup> (2x)<br>Up to 95 mm <sup>2</sup> can be connected depending on the cable manufacturer.<br>12 - 350 AWG/kcmil (1x) |
| Terminal capacity (copper strip)   | 2 segments of 9 mm x 0.8 mm - 10 segments of 16 mm x 0.8 mm or 8 segments of 15.5 mm x 0.8 mm (2x)  |
| Design verification as per IEC/EN 61439  |   |
| 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 impact   | Does not apply, since the 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.   |
| 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.                         |
| <b>Additional information</b>                            |  |  |  |
| Model  |  |  | Other  |

## Technical data ETIM 9.0

|   |  |  |       |
|---|--|--|-------|
| Low-voltage industrial components (EG000017) / Wiring set for power circuit breaker (EC002050)  |  |  |       |
| Electric engineering, automation, process control engineering / Low-voltage switch technology / Circuit breaker (LV < 1 kV) / Wiring set for circuit breaker (ecl@ss13-27-37-04-24 [ACN957016]) |  |  |       |
| Suitable for number of poles  |  |  | 3     |
| Model   |  |  | Other |