

Box terminal, 3p, up to 630 A

Part no. **NZM3-XKC**
260042
 EL Number **4358805**
 (Norway)

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| General specifications | | |
| Product name | | Eaton Moeller series NZM connection type |
| Part no. | | NZM3-XKC |
| EAN | | 4015082600426 |
| Product Length/Depth | | 120.5 millimetre |
| Product height | | 275 millimetre |
| Product width | | 140 millimetre |
| Product weight | | 0.41 kilogram |
| Compliances | | IEC UL/CSA RoHS conform |
| Certifications | | UL (Category Control Number DIHS) CSA-C22.2 No. 5-09 CE marking UL listed CSA certified UL489 IEC60947 CSA (Class No. 1432-01) CSA (File No. 22086) UL (File No. E31593) |
| Product Tradename | | NZM |
| Product Type | | Accessories |
| Product Sub Type | | Connection type |
| Delivery program | | |
| Type | | Accessory Box terminal |
| Number of poles | | Three-pole |
| Amperage Rating | | ≤ 630 A |
| Frame | | NZM3 |
| Suitable for | | Copper cable Three-pole |
| Used with | | NZM3(-4), PN3(-4), N(S)3(-4) |
| Technical Data - Mechanical - Terminals | | |
| Terminal capacity (stranded cable) | | 35 mm ² - 240 mm ² (1x) 2 - 500 AWG/kcmil (1x) 25 mm ² - 120 mm ² (2x) 4 - 250 AWG/kcmil (2x) |
| Terminal capacity (copper strip) | | Max. 500 A: 6 segments of 16 mm x 0.8 mm - 10 segments of 24 mm x 1 mm or 11 segments of 21 mm x 1 mm 630 A: 10 segments of 24 mm x 1 mm + 5 segments of 24 mm x 1 mm or 8 segments of 24 mm x 1 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. |

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| 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. |
| Additional information | | | |
| Model | | | Other |

Technical data ETIM 9.0

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| 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 |