

Part no. NZM3-XKA2
271461
EL Number 4358874
(Norway)

| General specifications | | |
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| Product name | | Eaton Moeller series NZM connection type |
| Part no. | | NZM3-XKA2 |
| EAN | | 4015082714611 |
| Product Length/Depth | | 92.5 millimetre |
| Product height | | 102 millimetre |
| Product width | | 137 millimetre |
| Product weight | | 1.162 kilogram |
| Compliances | | IEC UL/CSA RoHS conform |
| Certifications | | UL (File No. E31593) CSA-C22.2 No. 5-09 UL (Category Control Number DIHS) UL listed CSA (File No. 22086) IEC60947 CE marking CSA certified UL489 CSA (Class No. 1432-01) |
| Product Tradename | | NZM |
| Product Type | | Accessories |
| Product Sub Type | | Connection type |
| Delivery program | | |
| Type | | Accessory Tunnel terminal |
| Number of poles | | Three-pole |
| Amperage Rating | | 630 A (IEC), 550 A (UL/CSA) |
| Frame | | NZM3 |
| Suitable for | | Copper cable Three-pole Aluminum cable |
| Used with | | NZM3, PN3, N(S)3 |
| Technical Data - Mechanical - Terminals | | |
| Terminal capacity (stranded cable) | | 50 mm ² - 240 mm ² (2x) at digital input of supply connection Max. 500 AWG/kcmil (2x) Max. 500 AWG/kcmil (1x) 50 mm ² - 240 mm ² (1x) at digital input of supply connection |
| 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. |

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| 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 |