

Screw connection, 3p, 1 switch side, size 1



Part no. NZM1-XKS
260019
EL Number 4358733
(Norway)

| General specifications | |
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| Product name | Eaton Moeller series NZM connection type |
| Part no. | NZM1-XKS |
| EAN | 4015082600198 |
| Product Length/Depth | 41 millimetre |
| Product height | 8 millimetre |
| Product width | 16 millimetre |
| Product weight | 0.287 kilogram |
| Compliances | IEC UL/CSA RoHS conform |
| Certifications | UL (File No. E31593) UL489 CE marking CSA-C22.2 No. 5-09 CSA (Class No. 1437-01) CSA certified CSA (File No. 22086) IEC60947 UL (Category Control Number DIHS) UL listed |
| Product Tradename | NZM |
| Product Type | Accessories |
| Product Sub Type | Connection type |
| Delivery program | |
| Type | Accessory Screw connection Terminal |
| Number of poles | Three-pole |
| Amperage Rating | ≤ 160 A |
| Frame | NZM1 |
| Suitable for | Copper cable lugs Three-pole Aluminum cable lug |
| Used with | NZM1, PN1, N(S)1 |
| Technical Data - Mechanical - Terminals | |
| Terminal capacity (stranded cable) | 12 - 2/0 AWG/kcmil (1x) 10 mm ² - 35 mm ² (2x) 6 mm ² - 25 mm ² (2x) 10 mm ² - 35 mm ² (1x) 10 mm ² - 70 mm ² (1x) |
| Terminal capacity (copper busbar) | Min. 12 mm x 5 mm |
| 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. |

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| 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 |