



Phase isolator, 3p, size 1

Part no. NZM1-XKP  
119862

|                                                                                  |  |                                                                                                                                                                                                                                                                                                |
|----------------------------------------------------------------------------------|--|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| General specifications                                                           |  |                                                                                                                                                                                                                                                                                                |
| Product name                                                                     |  | Eaton Moeller series NZM connection type                                                                                                                                                                                                                                                       |
| Part no.                                                                         |  | NZM1-XKP                                                                                                                                                                                                                                                                                       |
| EAN                                                                              |  | 4015081177134                                                                                                                                                                                                                                                                                  |
| Product Length/Depth                                                             |  | 125 millimetre                                                                                                                                                                                                                                                                                 |
| Product height                                                                   |  | 40 millimetre                                                                                                                                                                                                                                                                                  |
| Product width                                                                    |  | 90 millimetre                                                                                                                                                                                                                                                                                  |
| Product weight                                                                   |  | 0.032 kilogram                                                                                                                                                                                                                                                                                 |
| Compliances                                                                      |  | RoHS conform<br>IEC<br>UL/CSA                                                                                                                                                                                                                                                                  |
| Certifications                                                                   |  | UL listed<br>CSA (Class No. 1432-81)<br>UL (Category Control Number WJAZ)<br>CSA (Class No. 4652-06)<br>CSA (File No. 22086)<br>UL (Category Control Number DIVQ)<br>UL (File No. E31593)<br>CSA (Class No. 1432-01)<br>CSA C22.2 No. 5<br>UL (Category Control Number DKPU2)<br>CSA certified |
| Product Tradename                                                                |  | NZM                                                                                                                                                                                                                                                                                            |
| Product Type                                                                     |  | Accessories                                                                                                                                                                                                                                                                                    |
| Product Sub Type                                                                 |  | Connection type                                                                                                                                                                                                                                                                                |
| Delivery program                                                                 |  |                                                                                                                                                                                                                                                                                                |
| Type                                                                             |  | Terminal<br>Phase isolators<br>Accessory                                                                                                                                                                                                                                                       |
| Number of poles                                                                  |  | Three-pole                                                                                                                                                                                                                                                                                     |
| Frame                                                                            |  | NZM1                                                                                                                                                                                                                                                                                           |
| Used with                                                                        |  | NZM1, PN1, N(S)1                                                                                                                                                                                                                                                                               |
| 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.                                                                                                                                                                                                 |

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| 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              |  |  |                                                                                                          |
| Phase separator type                |  |  | Other                                                                                                    |

Technical data ETIM 9.0

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|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|-------|
| Low-voltage industrial components (EG000017) / Phase separation plate for power circuit breaker (EC002035)                                                                                                  |  |  |       |
| Electric engineering, automation, process control engineering / Low-voltage switch technology / Circuit breaker (LV < 1 kV) / Phase separation plate for circuit breaker (ecl@ss13-27-37-04-25 [ACN959016]) |  |  |       |
| Model                                                                                                                                                                                                       |  |  | Other |