



Phase isolator, 3p, size 2

Part no. **NZM2-XKP**
Catalog No. **119864**

Delivery program

| | | |
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| Number of conductors | | 3 pole |
| Accessories | | Phase isolators |
| For use with | | NZM2, PN2, N(S)2 |
| Notes Model contains parts for one switch side including insulating plate for mounting plate at top or bottom for 3- or 4-pole switch. Can not be combined with connection on rear NZM1/2(-4)-XKR. Insulation protection up to rated operational voltage U_e of 415 V AC if minimum clearances are not maintained. | | |

Design verification as per IEC/EN 61439

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| IEC/EN 61439 design verification | | |
| 10.2 Strength of materials and parts | | |
| 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 Verification of resistance of insulating materials to abnormal heat and fire due to internal electric 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 Insulation properties | | |
| 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. |

Technical data ETIM 8.0

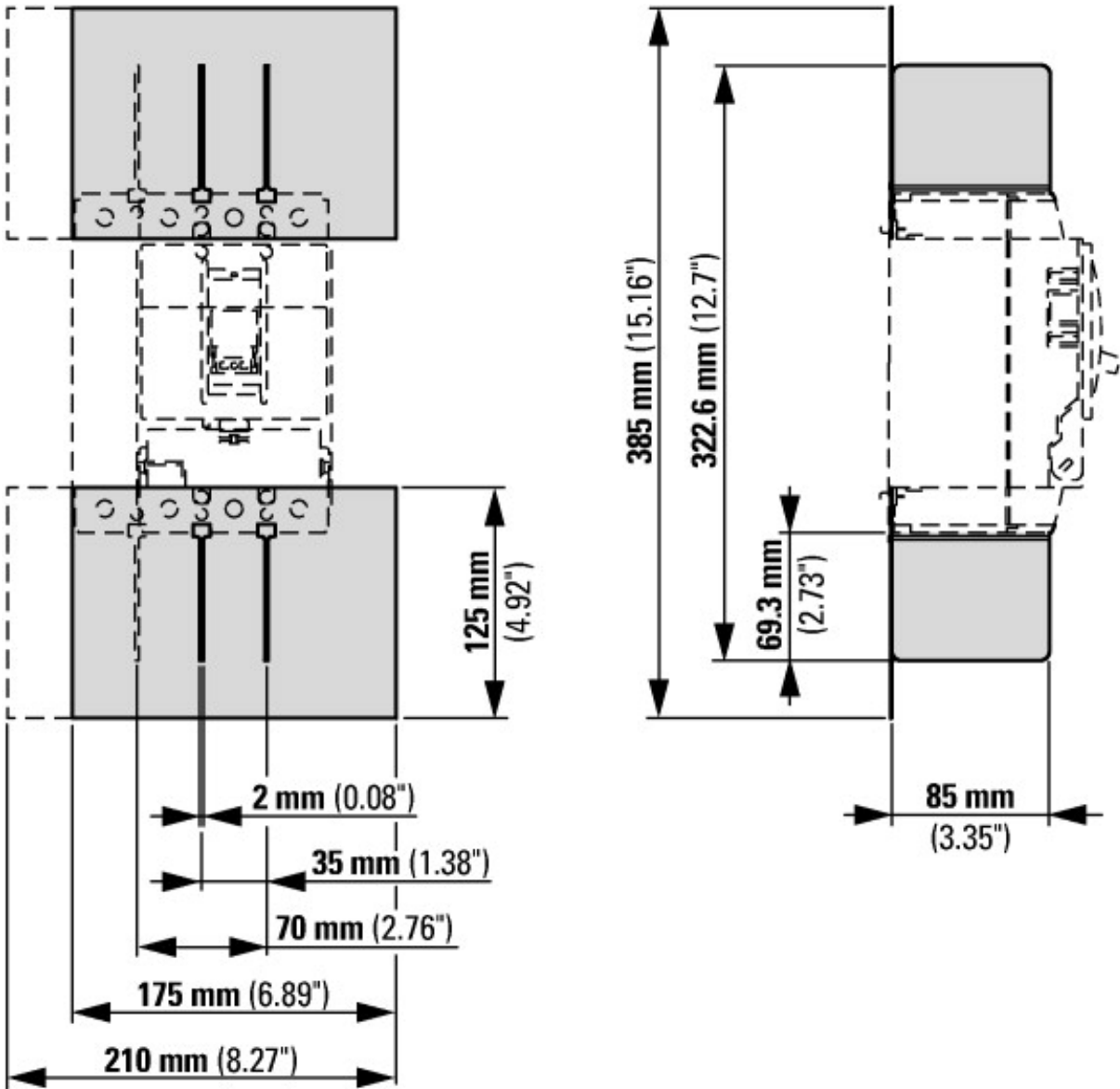
| | | |
|---|--|-------|
| Low-voltage industrial components (EG000017) / Phase separation plate for power circuit breaker (EC002035) | | |
| Electric engineering, automation, process control engineering / Low-voltage switch technology / Circuit breaker (LV < 1 kV) / Phase separation plate for circuit breaker (ec1@ss10.0.1-27-37-04-25 [ACN959011]) | | |
| Model | | Other |

Approvals

| | | |
|-------------------------|--|------------------------|
| Product Standards | | UL489; CSA-C22.2 No. 5 |
| UL File No. | | E31593 |
| UL Category Control No. | | DIV0, DKPU2, WJAZ |

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| CSA File No. | | 022086 |
| CSA Class No. | | 1432-01, 1432-81, 4652-06 |
| North America Certification | | UL listed, CSA certified |

Dimensions



Additional product information (links)

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|--|---|--|
| IL01219043Z (AWA1230-2509) NZM1, NZM2 Phase disconnect | | |
| IL01219043Z (AWA1230-2509) NZM1, NZM2 Phase disconnect | https://es-assets.eaton.com/DOCUMENTATION/AWA_INSTRUCTIONS/IL01219043Z2019_03.pdf | |