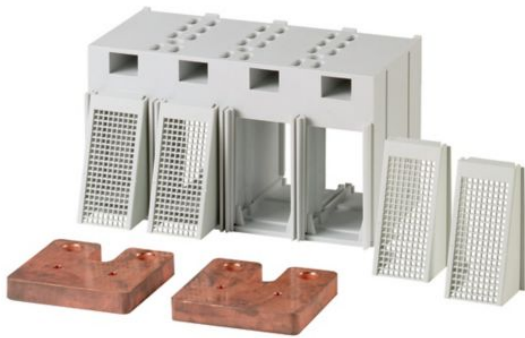


# Specifications



## Eaton 131731

Eaton Moeller series NZM - Molded Case Circuit Breaker. Terminal jumper, with cover 4p/2p

### General specifications

|                             |                                   |
|-----------------------------|-----------------------------------|
| <b>PRODUCT NAME</b>         | Eaton Moeller series NZM link kit |
| <b>CATALOG NUMBER</b>       | 131731                            |
| <b>MODEL CODE</b>           | NZM3-4-XKV2P                      |
| <b>EAN</b>                  | 4015081287000                     |
| <b>PRODUCT LENGTH/DEPTH</b> | 190 mm                            |
| <b>PRODUCT HEIGHT</b>       | 154 mm                            |
| <b>PRODUCT WIDTH</b>        | 112 mm                            |
| <b>PRODUCT WEIGHT</b>       | 1.478 kg                          |
| <b>COMPLIANCES</b>          | IEC<br>RoHS conform               |

### Additional information

**MODEL**

Other

### Delivery programme

|                         |                              |
|-------------------------|------------------------------|
| <b>AMPERAGE RATING</b>  | 517 A (40 °C), 435 A (65 °C) |
| <b>FRAME</b>            | NZM3                         |
| <b>NUMBER OF POLES</b>  | Two-pole                     |
| <b>SPECIAL FEATURES</b> | Jumper kit with cover IP2X   |
| <b>SUITABLE FOR</b>     | Four-pole                    |
| <b>TYPE</b>             | DC link kit                  |
| <b>USED WITH</b>        | N3-4-...-S1(-S15)-DC         |

## Design verification to IEC/EN 61439

|                                                                                         |                                                                                                                                  |
|-----------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| <b>10.10 TEMPERATURE RISE</b>                                                           | The panel builder is responsible for the temperature rise calculation. Eaton will provide heat dissipation data for the devices. |
| <b>10.11 SHORT-CIRCUIT RATING</b>                                                       | Is the panel builder's responsibility. The specifications for the switchgear must be observed.                                   |
| <b>10.12 ELECTROMAGNETIC COMPATIBILITY</b>                                              | Is the panel builder's responsibility. The specifications for the switchgear must be observed.                                   |
| <b>10.13 MECHANICAL FUNCTION</b>                                                        | The device meets the requirements, provided the information in the instruction leaflet (IL) is observed.                         |
| <b>10.2.2 CORROSION RESISTANCE</b>                                                      | Meets the product standard's requirements.                                                                                       |
| <b>10.2.3.1 VERIFICATION OF THERMAL STABILITY OF ENCLOSURES</b>                         | Meets the product standard's requirements.                                                                                       |
| <b>10.2.3.2 VERIFICATION OF RESISTANCE OF INSULATING MATERIALS TO NORMAL HEAT</b>       | Meets the product standard's requirements.                                                                                       |
| <b>10.2.3.3 RESIST. OF INSUL. MAT. TO ABNORMAL HEAT/FIRE BY INTERNAL ELECT. EFFECTS</b> | Meets the product standard's requirements.                                                                                       |
| <b>10.2.4 RESISTANCE TO ULTRA-VIOLET (UV) RADIATION</b>                                 | Meets the product standard's requirements.                                                                                       |
| <b>10.2.5 LIFTING</b>                                                                   | Does not apply, since the entire switchgear needs to be evaluated.                                                               |
| <b>10.2.6 MECHANICAL IMPACT</b>                                                         | Does not apply, since the entire switchgear needs to be evaluated.                                                               |
| <b>10.2.7 INSCRIPTIONS</b>                                                              | Meets the product standard's requirements.                                                                                       |
| <b>10.3 DEGREE OF PROTECTION OF ASSEMBLIES</b>                                          | Does not apply, since the entire switchgear needs to be evaluated.                                                               |
| <b>10.4 CLEARANCES AND CREEPAGE DISTANCES</b>                                           | Meets the product standard's requirements.                                                                                       |
| <b>10.5 PROTECTION</b>                                                                  | Does not apply, since the                                                                                                        |

## Technical data - electrical

|                        |                              |
|------------------------|------------------------------|
| <b>AMPERAGE RATING</b> | 517 A (40 °C), 435 A (65 °C) |
|------------------------|------------------------------|

|                                                                 |                                                                    |
|-----------------------------------------------------------------|--------------------------------------------------------------------|
| <b>AGAINST ELECTRIC SHOCK</b>                                   | entire switchgear needs to be evaluated.                           |
| <b>10.6 INCORPORATION OF SWITCHING DEVICES AND COMPONENTS</b>   | Does not apply, since the entire switchgear needs to be evaluated. |
| <b>10.7 INTERNAL ELECTRICAL CIRCUITS AND CONNECTIONS</b>        | Is the panel builder's responsibility.                             |
| <b>10.8 CONNECTIONS FOR EXTERNAL CONDUCTORS</b>                 | Is the panel builder's responsibility.                             |
| <b>10.9.2 POWER-FREQUENCY ELECTRIC STRENGTH</b>                 | Is the panel builder's responsibility.                             |
| <b>10.9.3 IMPULSE WITHSTAND VOLTAGE</b>                         | Is the panel builder's responsibility.                             |
| <b>10.9.4 TESTING OF ENCLOSURES MADE OF INSULATING MATERIAL</b> | Is the panel builder's responsibility.                             |

## Technical data - mechanical

|                         |                            |
|-------------------------|----------------------------|
| <b>SPECIAL FEATURES</b> | Jumper kit with cover IP2X |
|-------------------------|----------------------------|

## Resources

|                           |                                                                                                                                                    |
|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| BROCHURES                 | <a href="#">eaton-digital-nzm-brochure-br013003en-en-us.pdf</a><br><a href="#">eaton-feerum-the-whole-grain-solution-success-story-en-us.pdf</a>   |
| CATALOGUES                | <a href="#">eaton-digital-nzm-catalog-ca013003en-en-us.pdf</a>                                                                                     |
| DRAWINGS                  | <a href="#">eaton-circuit-breaker-nzm-jumper-kit-dimensions-004.eps</a><br><a href="#">eaton-circuit-breaker-nzm-jumper-kit-3d-drawing-003.eps</a> |
| INSTALLATION INSTRUCTIONS | <a href="#">eaton-terminal-jumpers-n3-dc-switch-disconnectors-il01208003z.pdf</a>                                                                  |
| INSTALLATION VIDEOS       | <a href="#">The new digital NZM Range</a><br><a href="#">Introduction of the new digital circuit breaker NZM</a>                                   |
| MCAD MODEL                | <a href="#">DA-CS-nzm3_4_xkv2p</a><br><a href="#">eaton-mccb-terminals-mcad-drawings-nzm3-4-xkv2p.dwg</a>                                          |
| TECHNICAL DATA SHEETS     | <a href="#">eaton-nzm-technical-information-sheet</a>                                                                                              |

|                 |
|-----------------|
| PROJECT NAME:   |
| PROJECT NUMBER: |
| PREPARED BY:    |
| DATE:           |



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