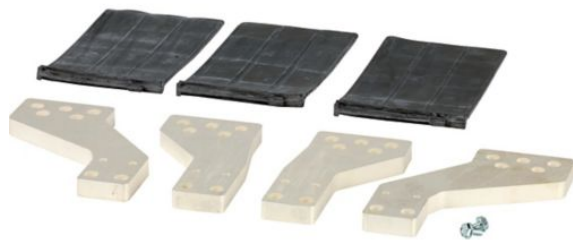


# Specifications



## Eaton 281594

Eaton Moeller series NZM - Molded Case Circuit Breaker. Connection width extension, 4p, spacing 110mm

### General specifications

<b>PRODUCT NAME</b>	Eaton Moeller series NZM connection type
<b>CATALOG NUMBER</b>	281594
<b>MODEL CODE</b>	NZM4-4-XKV120
<b>EAN</b>	4015082815943
<b>PRODUCT LENGTH/DEPTH</b>	155 mm
<b>PRODUCT HEIGHT</b>	70 mm
<b>PRODUCT WIDTH</b>	140 mm
<b>PRODUCT WEIGHT</b>	5.035 kg
<b>COMPLIANCES</b>	IEC RoHS conform



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## Product specifications

<b>USED WITH</b>	NZM4-4, N4-4
<b>AMPERAGE RATING</b>	1600 A
<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</b>	Does not apply, since the

## Resources

### BROCHURES

[eaton-feerum-the-whole-grain-solution-success-story-en-us.pdf](#)

[eaton-digital-nzm-brochure-br013003en-en-us.pdf](#)

### CATALOGUES

[eaton-digital-nzm-catalog-ca013003en-en-us.pdf](#)

[eaton-circuit-breaker-connection-nzm-mccb-dimensions-005.eps](#)

### DRAWINGS

[eaton-circuit-breaker-connection-nzm-mccb-3d-drawing-006.eps](#)

[eaton-circuit-breaker-phase-isolator-nzm-3d-drawing.eps](#)

### INSTALLATION INSTRUCTIONS

[eaton-nzm4-4-xkv95-xkv110-xkv120-il01210014z.pdf](#)

### INSTALLATION VIDEOS

[Introduction of the new digital circuit breaker NZM](#)

[The new digital NZM Range](#)

### MCAD MODEL

[DA-CD-nzm4 4 xkv120](#)

[DA-CS-nzm4 4 xkv120](#)

### TECHNICAL DATA SHEETS

[eaton-nzm-technical-information-sheet](#)

<b>PROTECTION OF ASSEMBLIES</b>	entire switchgear needs to be evaluated.
<b>10.4 CLEARANCES AND CREEPAGE DISTANCES</b>	Meets the product standard's requirements.
<b>10.5 PROTECTION AGAINST ELECTRIC SHOCK</b>	Does not apply, since the 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.
<b>FRAME</b>	NZM4
<b>SUITABLE FOR</b>	Copper cable lugs Four-pole
<b>NUMBER OF POLES</b>	Four-pole
<b>TERMINAL CAPACITY (COPPER STRIP)</b>	Min. 10 segments of 50 mm x 1 mm
<b>TERMINAL CAPACITY (FLEXIBLE CABLE)</b>	300 mm <sup>2</sup> (4x) 600 AWG/kcmil (4x) Max. 500 AWG/kcmil (6x) 95 mm <sup>2</sup> - 240 mm <sup>2</sup> (6x)
<b>TYPE</b>	Accessory Connection width extension Terminal
<b>SPECIAL FEATURES</b>	Five-hole fitting
<b>TERMINAL CAPACITY (COPPER BUSBAR)</b>	Max. 80 mm x 10 mm (2x)

PROJECT NAME:
PROJECT NUMBER:
PREPARED BY:
DATE:



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