

# Specifications



## Eaton 266793

Eaton Moeller series NZM - Molded Case Circuit Breaker. Connection, on rear, top 4p, size 3

### General specifications

<b>PRODUCT NAME</b>	Eaton Moeller series NZM connection type
<b>CATALOG NUMBER</b>	266793
<b>MODEL CODE</b>	+NZM3-4-XKRO
<b>EAN</b>	4015082667931
<b>PRODUCT LENGTH/DEPTH</b>	160 mm
<b>PRODUCT HEIGHT</b>	45 mm
<b>PRODUCT WIDTH</b>	80 mm
<b>PRODUCT WEIGHT</b>	1.186 kg
<b>COMPLIANCES</b>	IEC RoHS conform

## Product specifications

<b>USED WITH</b>	NZM3-4, PN3-4, N3-4
<b>AMPERAGE RATING</b>	630 A (Cu), 500 A (Al)
<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

<b>BROCHURES</b>	<a href="#">eaton-feerum-the-whole-grain-solution-success-story-en-us.pdf</a> <a href="#">eaton-digital-nzm-brochure-br013003en-en-us.pdf</a>
<b>CATALOGS</b>	<a href="#">eaton-digital-nzm-catalog-ca013003en-en-us.pdf</a>
<b>DECLARATIONS OF CONFORMITY</b>	<a href="#">DA-DC-03 NZM3</a>
<b>DRAWINGS</b>	<a href="#">eaton-circuit-breaker-connection-nzm-rear-connection-dimensions-002.eps</a>
<b>INSTALLATION INSTRUCTIONS</b>	<a href="#">eaton-circuit-breakers-nzm3-xkr-o-u-g-rear-connection-instruction-leaflet-il01219048z.pdf</a>
<b>INSTALLATION VIDEOS</b>	<a href="#">Introduction of the new digital circuit breaker NZM</a> <a href="#">The new digital NZM Range</a>
<b>MCAD MODEL</b>	<a href="#">DA-CS-nzm3_4_xkro</a> <a href="#">DA-CD-nzm3_4_xkro</a>
<b>TECHNICAL DATA SHEETS</b>	<a href="#">eaton-nzm-technical-information-sheet</a>

<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>	NZM3
<b>SUITABLE FOR</b>	Copper cable lugs Aluminum cable lug Four-pole
<b>MOUNTING POSITION</b>	Fitted above
<b>NUMBER OF POLES</b>	Four-pole
<b>TERMINAL CAPACITY (COPPER STRIP)</b>	6 segments of 16 mm x 0.8 mm - 10 segments of 32 mm x 1 mm + 5 segments of 32 mm x 1 mm
<b>MODEL</b>	Other
<b>TYPE</b>	Accessory Connection on rear Terminal
<b>TERMINAL CAPACITY (STRANDED CABLE)</b>	16 mm <sup>2</sup> - 240 mm <sup>2</sup> (1x) 16 mm <sup>2</sup> - 240 mm <sup>2</sup> (2x)
<b>TERMINAL CAPACITY (COPPER BUSBAR)</b>	Max. 30 mm x 10 mm + 30 mm x 5 mm Min. 20 mm x 5 mm

PROJECT NAME:
PROJECT NUMBER:
PREPARED BY:
DATE:



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