

Eaton 266790

Catalog Number: 266790

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

General specifications



Product Name	Catalog Number
Eaton Moeller series NZM connection type	266790
	EAN
	4015082667900
Product Length/Depth	Product Height
160 mm	45 mm
Product Width	Product Weight
65 mm	0.832 kg
Compliances	
IEC	
UL/CSA	
RoHS conform	

Product specifications

Used with

NZM3, PN3, N3

Type

Accessory Connection on rear Terminal

Amperage Rating

630 A (Cu), 500 A (Al)

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.

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

Resources

Brochures

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

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

Catalogs

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

Declarations of conformity

[DA-DC-03_NZM3](#)

Drawings

[eaton-circuit-breaker-connection-nzm-rear-connection-dimensions-002.eps](#)

Installation instructions

[eaton-circuit-breakers-nzm3-xkr-o-u-g-rear-connection-instruction-leaflet-il01219048z.pdf](#)

Installation videos

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

[The new digital NZM Range](#)

mCAD model

[DA-CD-nzm3_xkro](#)

[DA-CS-nzm3_xkro](#)

Technical data sheets

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

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.

Frame

NZM3

Suitable for

Aluminum cable lug

Three-pole

Copper cable lugs

Mounting position

Fitted above

Number of poles

Three-pole

Terminal capacity (copper strip)

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

Model

Other

Terminal capacity (stranded cable)

16 mm² - 240 mm² (1x)

16 mm² - 240 mm² (2x)

Terminal capacity (copper busbar)

Max. 30 mm x 10 mm + 30 mm x 5 mm

Min. 20 mm x 5 mm



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