

Eaton 127737

Catalog Number: 127737

Eaton Moeller series NZM - Molded Case Circuit Breaker. Screw connection set, 4p, for 12-20mm, cu

General specifications



Product Name	Catalog Number
Eaton Moeller series NZM connection type	127737
	EAN
	4015081251476
Product Length/Depth	Product Height
70 mm	60 mm
Product Width	Product Weight
40 mm	0.32 kg
Compliances	
IEC	
RoHS conform	

Product specifications

Used with

NZM4-4, N4-4

Type

Accessory Screw connection Terminal

Special features

Double hole fitting with M10 screws

Amperage Rating

1600 A

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

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_NZM4](#)

Drawings

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

Installation instructions

[IL01210017Z](#)

Installation videos

[The new digital NZM Range](#)

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

mCAD model

[DA-CS-nzm4_xks](#)

[DA-CD-nzm4_xks](#)

Technical data sheets

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

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.

10.9.2 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

NZM4

Suitable for

Copper cable lugs

Four-pole

Number of poles

Four-pole

Terminal capacity (copper strip)

10 segments of 50 mm x 1 mm (2x)

Model

Other

Terminal capacity (stranded cable)

50 mm² - 185 mm² (4x)

250 - 350 AWG/kcmil (1x)

Max. 350 AWG/kcmil (4x)

120 mm² - 185 mm² (1x)

Terminal capacity (copper busbar)

50 mm x 10 mm (2x)



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