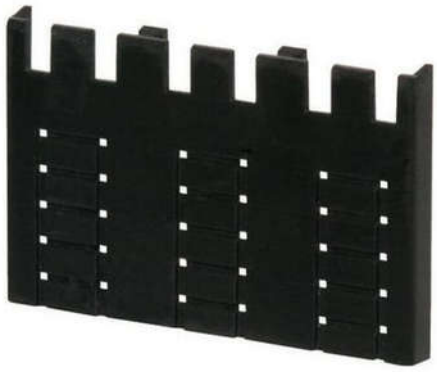
Specifications

Eaton 100780



Catalog Number: 100780

Eaton Moeller series NZM - Molded Case Circuit Breaker. Terminal cover, knockout, 3p, NZM1

General specifications

Product Name	**Catalog Number**
Eaton Moeller series NZM - Molded case circuit breaker	100780
	EAN
	4015081006809
Product Length/Depth	**Product Height**
57 mm	7 mm
Product Width	**Product Weight**
89 mm	0.027 kg
Compliances	**Certifications**
IEC RoHS conform	IEC 60947

Powering Business Worldwide

Product specifications

Used with

NZM1, PN1, N1

DS7-34…SX070…

DS7-34…SX081…

DS6-340-22K…55K-MX

DS7-34…SX041…

DS7-34…SX055…

DS7-34…SX100…

Type

Accessory

Terminal cover

Special features

Knockout

not UL/CSA approved

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

Resources

Brochures

eaton-feerum-the-whole-grain-solution-success-story-en-us.pdf

eaton-digital-nzm-brochure-br013003en-en-us.pdf

Catalogs

eaton-digital-nzm-catalog-ca013003en-en-us.pdf

Declarations of conformity

DA-DC-03_NZM1

Drawings

eaton-circuit-breaker-terminals-nzm-terminal-cover-3d-drawing.eps

Installation instructions

eaton-circuit-breaker-terminal-cover-nzm1-il01219033z.pdf

Installation videos

Introduction of the new digital circuit breaker NZM

The new digital NZM Range

mCAD model

nzm1_xksfa.dwg

nzm1_xksfa.stp

Specifications and datasheets

Eaton Specification Sheet - 100780

Technical data sheets

eaton-nzm-technical-information-sheet

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

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

NZM1

Number of poles

Three-pole

Phase separator type

Other



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