Specifications

Eaton 284471



Catalog Number: 284471

Eaton Moeller series NZM - Molded Case Circuit Breaker. Module plate, 2-hole, vertical, 3p, 1250A

General specifications

Product Name
Eaton Moeller series NZM connection type

Catalog Number
284471

EAN
4015082844714

Product Length/Depth
108 mm

Product Height
12 mm

Product Width
150 mm

Product Weight
1.432 kg

Compliances
IEC
UL/CSA
RoHS conform

Certifications
UL489
CSA (File No. 22086)
IEC60947
UL (Category Control Number DIHS)
CSA certified
UL listed
CE marking
CSA-C22.2 No. 5-09
CSA (Class No. 1432-01)
UL (File No. E31593)

Powering Business Worldwide

Product specifications

Used with

NZM4, N(S)4

Type

Accessory Module plate Terminal

Special features

Two holes

Amperage Rating

1250 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

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-module-plate-dimensions.eps

eaton-circuit-breaker-nzm-adapter-bracket-3d-drawing-008.eps

Installation instructions

eaton-circuit-breakers-nzm4-xkm1-2-2s-module-plate-1-2-hole-instruction-leaflet-il01210011z.pdf

Installation videos

The new digital NZM Range

Introduction of the new digital circuit breaker NZM

mCAD model

DA-CD-nzm4_xkm2s_1250

DA-CS-nzm4_xkm2s_1250

Technical data sheets

eaton-nzm-technical-information-sheet

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

NZM4

Suitable for

Copper cable lugs

Three-pole

Number of poles

Three-pole

Terminal capacity (copper strip)

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

10 segments of 40 mm x 1 mm (2x)

Terminal capacity (flexible cable)

95 mm² - 300 mm² (2x)

Max. 600 AWG/kcmil (2x)

Terminal capacity (copper busbar)

50 mm x 10 mm (2x)

40 mm x 10 mm (2x)

Eaton Corporation plc
Eaton House
30 Pembroke Road
Dublin 4, Ireland
Eaton.com

© 2024 Eaton. All Rights Reserved.

Eaton is a registered trademark.

All other trademarks are property of their respective owners.

Eaton.com/socialmedia