Specifications

Eaton 260030

Catalog Number: 260030

Eaton Moeller series NZM - Molded Case Circuit Breaker. Screw connection 3p, standard, size 2



General specifications

Product Name
Eaton Moeller series NZM connection type

Catalog Number
260030

EAN
4015082600303

Product Length/Depth
103 mm

Product Height
336 mm

Product Width
105 mm

Product Weight
0.064 kg

Compliances
UL/CSA
IEC
RoHS conform

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

Powering Business Worldwide

Product specifications

Used with

NZM2, PN2, N(S)2

Type

Accessory Screw connection Terminal

Amperage Rating

300 A (Cu), 250 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_NZM2

Drawings

eaton-circuit-breaker-terminals-nzm-mccb-dimensions-002.eps

Installation instructions

IL01206005Z

Installation videos

Introduction of the new digital circuit breaker NZM

The new digital NZM Range

mCAD model

DA-CS-nzm2_xks

DA-CD-nzm2_xks

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

NZM2

Suitable for

Copper cable lugs
Three-pole
Aluminum cable lug

Number of poles

Three-pole

Terminal capacity (copper strip)

Min. 2 segments of 16 mm x 0.8 mm

Model

Other

Terminal capacity (stranded cable)

8 - 1/0 AWG/kcmil (2x)
11 - 3/0 AWG/kcmil (1x)
4 mm² - 70 mm² (2x)
10 mm² - 185 mm² (1x)

12 AWG/kcmil (2x)

10 mm² - 50 mm² (1x)

10 mm² - 50 mm² (2x)

8 - 1/0 AWG/kcmil (1x)

Terminal capacity (copper busbar)

Min. 16 mm x 5 mm

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