Specifications

Eaton 281668



Catalog Number: 281668

Eaton Moeller series NZM - Molded Case Circuit Breaker. Connection, on rear, 13mm, 3p

General specifications

Product Name
Eaton Moeller series NZM multi-function device adapter

Catalog Number
281668

EAN
4015082816681

Product Length/Depth
140 mm

Product Height
30 mm

Product Width
110 mm

Product Weight
0.234 kg

Compliances
UL/CSA
IEC
RoHS conform

Certifications
IEC60947-2
UL (File No. E31593)
CSA (File No. 22086)
UL listed
UL489
CE marking
CSA-C22.2 No. 5-09
CSA (Class No. 1432-01)
UL (Category Control Number DIVQ)
Specially designed for North America
CSA certified

Powering Business Worldwide

Product specifications

Used with

PN3

Feeder circuits, branch circuits

NZM3

N(S)3

Type

Accessory

Multifunction component

adapter

Connection block for

component adapter

60 mm system

Special features

Current limiting circuit

breaker

For NZM3 component

adapter

Amperage Rating

630 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

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_NZM3

Drawings

eaton-circuit-breaker-connection-nzm-rear-connection-dimensions-002.eps

eaton-circuit-breaker-connection-nzm-rear-connection-dimensions-005.eps

eaton-circuit-breaker-connection-nzm-connection-block-3d-drawing.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_xkr13_o_u

DA-CS-nzm3_xkr13_o_u

Technical data sheets

eaton-nzm-technical-information-sheet

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

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

Three-pole

Voltage rating (UL CSA 13)

Max. 480 Y / 277 V

Degree of protection

IP20

Number of poles

Three-pole

Model

Other

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