Specifications

Eaton 281666



Catalog Number: 281666

Eaton Moeller series NZM - Molded Case Circuit Breaker. Connection, on rear, 3.5mm, 3p

General specifications

Product Name
Eaton Moeller series NZM multi-function device adapter

Catalog Number
281666

EAN
4015082816667

Product Length/Depth
102 mm

Product Height
35 mm

Product Width
93 mm

Product Weight
0.159 kg

Compliances
UL/CSA
IEC
RoHS conform

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

Powering Business Worldwide

Product specifications

Used with

NZM2

N(S)2

Feeder circuits, branch circuits

NZM2, NZM3 circuit breakers

PN2

Type

Accessory

Multifunction component

adapter

Connection block

60 mm system

Special features

Current limiting circuit breaker

For NZM2 component

adapter

Amperage Rating

250 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-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-connection-nzm-rear-connection-dimensions-003.eps

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

Installation instructions

eaton-circuit-breakers-nzm2-xkr-o-u-rear-connection-instruction-leaflet-il01219047z.pdf

Installation videos

The new digital NZM Range

Introduction of the new digital circuit breaker NZM

mCAD model

DA-CS-nzm2_xkr4

DA-CD-nzm2_xkr4

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

NZM2

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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