Specifications

Eaton 281581



Catalog Number: 281581

Eaton Moeller series NZM - Molded Case Circuit Breaker. Interlock, mechanical, size 1

General specifications

Product Name
Eaton Moeller series NZM mounting accessory

Catalog Number
281581

EAN
4015082815813

Product Length/Depth
90 mm

Product Height
50 mm

Product Width
85 mm

Product Weight
0.308 kg

Compliances
UL/CSA
IEC
RoHS conform

Certifications
UL (Category Control Number DIHS)
IEC60947
CE marking
CSA-C22.2 No. 5-09
CSA (Class No. 1437-01)
UL489
UL listed
CSA certified
UL (File No. E140305)
CSA (File No. 22086)

Powering Business Worldwide

Product specifications

Used with

NZM1
NZM1-NA
N(S)1(-4)
NZM1-4
PN1-4
NS1
PN1
NZM1(-4)
N1
N1-4
PN1(-4)

Type

Accessory. Mechanical interlock

Special features

Allows interlocking of 2, 3 or 4 switches, including different construction sized switches, with NZM-XBZ... bowden cables.

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.

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_NZM1

Drawings

eaton-circuit-breaker-interlock-nzm-mccb-dimensions.eps

eaton-circuit-breaker-interlock-nzm-mccb-dimensions-006.eps

eaton-circuit-breaker-interlock-nzm-mccb-dimensions-007.eps

eaton-circuit-breaker-interlock-nzm-mccb-dimensions-005.eps

eaton-circuit-breaker-interlock-nzm-mccb-3d-drawing.eps

Installation instructions

eaton-circuit-breakers-mechanical-interlock-nzm1-2-3-4-xmv-instruction-leaflet-il01219012z.pdf

Installation videos

The new digital NZM Range

Introduction of the new digital circuit breaker NZM

mCAD model

DA-CD-nzm1_xmv

DA-CS-nzm1_xmv

Technical data sheets

eaton-nzm-technical-information-sheet

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

NZM1

Accessory/spare part type

Other



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