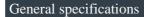
Eaton 266693

Catalog Number: 266693

Eaton Moeller series NZM - Molded Case Circuit Breaker. Remote operator, 110-130VDC, for size 4





Eaton Moeller series NZM remote

operator

Product Length/Depth

189 mm

Product Width

210 mm

Compliances

IEC UL/CSA

RoHS conform

Catalog Number

266693

EAN

4015082666934

Product Height

202 mm

Product Weight

6.1 kg

Certifications

CSA certified

CSA-C22.2 No. 5-09

CSA (Class No. 1437-01)

UL (Category Control Number DIHS)

IEC60947

UL489

CSA (File No. 22086)

CE marking

UL listed

UL (File No. E140305)





Product specifications

Used with

N(S)4(-4)

NZM4(-4)

Type

Accessory Remote operator, can be synchronized

Special features

Cannot be combined with switch-disconnector PN... Do not install M22-CK11(20/02) dual auxiliary contacts in the right-hand side auxiliary contact slot in NZM4-XR

Voltage rating

110 - 130 V DC

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

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_NZM4

Drawings

eaton-circuit-breaker-padlock-nzm-rotary-handle-dimensions.eps eaton-circuit-breaker-remote-operator-nzm-remote-operatordimensions-003.eps

eCAD model

ETN.266693.edz

Installation instructions

eaton-nzm4-romete-operator-xr-il01210006z.pdf

Installation videos

The new digital NZM Range

Introduction of the new digital circuit breaker NZM

mCAD model

DA-CS-nzm4_xr

DA-CD-nzm4_xr

Technical data sheets

eaton-nzm-technical-information-sheet

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

NZM4

Breaking time

3000 ms

Closing delay

100 ms

Voltage type

AC

Lifespan, mechanical

10000 operations

Number of poles

```
Three-pole/Four-pole
Number of operations per hour - max
20
Voltage tolerance - max
1.1
Voltage tolerance - min
.85
Rated control supply voltage (Us) at AC, 50 Hz - max
Rated control supply voltage (Us) at AC, 50 Hz - min
0 V
Rated control supply voltage (Us) at AC, 60 Hz - max
0 V
Rated control supply voltage (Us) at AC, 60 Hz - min
0 V
Rated control supply voltage (Us) at DC - max
130 V
Rated control supply voltage (Us) at DC - min
Signal duration of remote operator at switch off - min
500 ms
Signal duration of remote operator at switch on - min
30 ms
Switch drive type
Motor drive
Terminal capacity (solid/flexible conductor)
18 - 14 AWG
0.75 mm<sup>2</sup> - 2.5 mm<sup>2</sup> with ferrule
Operating voltage - max
1.1 x Us
Operating voltage - min
0.85 x Us
Power consumption
```

250 W (24 - 30 V DC)



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