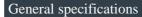
Eaton 259858

Catalog Number: 259858

Eaton Moeller series NZM - Molded Case Circuit Breaker. Remote operator, 110-130VDC, for size 3





Eaton Moeller series NZM remote

operator

Product Length/Depth

170 mm

Product Width

140 mm

Compliances

UL/CSA IEC

RoHS conform

Catalog Number

259858

EAN

4015082598587

Product Height

140 mm

Product Weight

2.8 kg

Certifications

UL489 IEC60947

UL (Category Control Number DIHS)

CSA (File No. 22086)

CE marking CSA certified

CSA (Class No. 1437-01) CSA-C22.2 No. 5-09 UL (File No. E140305)

UL listed







Product specifications

Used with

NZM3(-4)

N(S)3(-4)

Type

Accessory

Remote operator, can be

synchronized

Special features

Cannot be combined with

switch-disconnector PN...

M22-CK11(20/02) dual

auxiliary switch cannot be

combined with NZM3-XR...

remote operator

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

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_NZM3

Drawings

 $eaton\hbox{-}circuit\hbox{-}breaker\hbox{-}remote\hbox{-}operator\hbox{-}nzm\hbox{-}remote\hbox{-}operator$

dimensions-004.eps

eaton-circuit-breaker-padlock-nzm-rotary-handle-dimensions.eps

eCAD model

ETN.259858.edz

Installation instructions

eaton-remote-operator-nzm3-xr-il01208006z.pdf

Installation videos

Introduction of the new digital circuit breaker NZM

The new digital NZM Range

mCAD model

DA-CD-nzm3_xr

DA-CS-nzm3_xr

Technical data sheets

eaton-nzm-technical-information-sheet

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

Breaking time

1000 ms

Closing delay

80 ms

Voltage type DC
Lifespan, mechanical 15000 operations
Number of poles Three-pole/Four-pole
Number of operations per hour - max 60
Voltage tolerance - max 1.1
Voltage tolerance - min .85
Rated control supply voltage (Us) at AC, 50 Hz - max 0 V
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 110 V
Signal duration of remote operator at switch off - min 250 ms
Signal duration of remote operator at switch on - min 30 ms
Switch drive type Motor drive
Terminal capacity (solid/flexible conductor) 0.75 mm² - 2.5 mm² with ferrule 18 - 14 AWG
Operating voltage - max 1.1 x Us
Operating voltage - min 0.85 x Us



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