

Eaton 266691

Catalog Number: 266691

Eaton Moeller series NZM - Molded Case Circuit Breaker. Remote operator, 24-30VAC, for size 4



General specifications

Product Name	Catalog Number
Eaton Moeller series NZM remote operator	266691
	EAN
	4015082666910
Product Length/Depth	Product Height
189 mm	202 mm
Product Width	Product Weight
210 mm	6.354 kg
Compliances	Certifications
IEC	UL489
UL/CSA	CSA (Class No. 1437-01)
RoHS conform	UL (Category Control Number DIHS)
	CE marking
	CSA certified
	UL (File No. E140305)
	CSA-C22.2 No. 5-09
	UL listed
	IEC60947
	CSA (File No. 22086)

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

24 - 30 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

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-remote-operator-nzm-remote-operator-
dimensions-003.eps](#)

[eaton-circuit-breaker-padlock-nzm-rotary-handle-dimensions.eps](#)

eCAD model

[ETN.266691.edz](#)

Installation instructions

[eaton-nzm4-remote-operator-xr-il01210006z.pdf](#)

Installation videos

[Introduction of the new digital circuit breaker NZM](#)

[The new digital NZM Range](#)

mCAD model

[DA-CS-nzm4_xr](#)

[DA-CD-nzm4_xr](#)

Technical data sheets

[eaton-nzm-technical-information-sheet](#)

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

NZM4

Breaking time

3000 ms

Closing delay

100 ms

Voltage type

DC

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

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

30 V

Rated control supply voltage (Us) at DC - min

24 V

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)

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

Power consumption

250 W (24 - 30 V DC)



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