Specifications

Eaton 266712



Catalog Number: 266712

Eaton Moeller series NZM - Molded Case Circuit Breaker. Socket base, 4p, 630A

General specifications

Product Name
Eaton Moeller series NZM plug-in unit

Catalog Number
266712

EAN
4015082667122

Product Length/Depth
226 mm

Product Height
342 mm

Product Width
272 mm

Product Weight
13 kg

Compliances
IEC
RoHS conform

Certifications
IEC/EN 60947

Powering Business Worldwide

Product specifications

Type

Accessory Extension base for basic unit

Features

Version as built-in device

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 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

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

eaton-circuit-breaker-withdrawable-unit-nzm-mccb-dimensions-002.eps

eCAD model

ETN.266712.edz

Installation instructions

eaton-circuit-breaker-withdrawable-unit-nzm3-4-il01219018z.pdf

Installation videos

The new digital NZM Range

Introduction of the new digital circuit breaker NZM

mCAD model

DA-CS-nzm3_4_xavs

DA-CD-nzm3_4_xavs

Technical data sheets

eaton-nzm-technical-information-sheet

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

Mounting Method

Withdrawable

Climatic proofing

Damp heat, cyclic, to IEC 60068-2-30
Damp heat, constant, to IEC 60068-2-78

Equipment heat dissipation, current-dependent

83.35 W

Ambient operating temperature - max

70 °C

Ambient operating temperature - min

-25 °C

Ambient storage temperature - max

70 °C

Ambient storage temperature - min

40 °C

Nominal current

610 A

Protection against direct contact

Finger and back-of-hand proof to VDE 0106 part 100

Terminal equipment included

Screw connection

Isolation

500 V AC (between auxiliary contacts and main contacts)

300 V AC (between the auxiliary contacts)

Degree of protection

IP2X (in the area of the plug-in area)

Direction of incoming supply

As required

Electrical connection type of main circuit

Screw connection

Mounting position

Vertical and 90° right/left

Number of poles

Four-pole

Shock resistance

20 g (half-sinusoidal shock 20 ms)

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