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Worldwide English



NZM1-XSVS - Socket 3p, 108A



109777 NZM1-XSVS

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109777 NZM1-XSVS

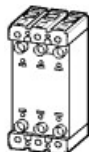
Socket 3p, 108A

EL-Nummer (Norway)

4357000

Optional accessories for the circuit-breaker series NZM offers a comprehensive portfolio of application options for use world wide. The mounting is always flexible and easy thanks to the modular function groups. Notes: for NZM circuit-breakers and N switch-disconnectors. Not UL/CSA approved. Not for U_e > 690 V. Can be used for: NZM1, N1

Delivery program



Product range

Accessories

Accessories

Plug-in socket for basic unit

Standard/Approval

IEC

Installation type

Plug-in units

Construction size

NZM1

Description

Plug base for use with basic units NZM...-SVE of the respective size

Number of poles

3 pole

Standard equipment

Screw connection

Technical data

General

Standards
 IEC/EN 60947
 Protection against direct contact
 Finger and back-of-hand proof to VDE 0106 part 100
 Climatic proofing
 Damp heat, constant, to IEC 60068-2-78
 Damp heat, cyclic, to IEC 60068-2-30
 Ambient temperature
 Ambient temperature, storage
 - 40 - + 70 °C
 Operation
 -25 - +70 °C
 Mechanical shock resistance (10 ms half-sinusoidal shock) according to IEC 60068-2-27
 20 (half-sinusoidal shock 20 ms) g
 Safe isolation to EN 61140
 Between auxiliary contacts and main contacts
 500 V AC
 Safe isolation to EN 61140
 between the auxiliary contacts
 300 V AC
 Mounting position
 Vertical and 90° right/left
 Direction of incoming supply
 as required
 Degree of protection
 Device
 IP2X (in the area of the plug-in area)

Design verification as per IEC/EN 61439

Technical data for design verification
 Equipment heat dissipation, current-dependent [P_{vid}]
 14.06 W
 Operating ambient temperature min.
 -25 °C
 Operating ambient temperature max.
 +70 °C
 IEC/EN 61439 design verification
 10.2 Strength of materials and parts 10.2.2 Corrosion resistance
 Meets the product standard's requirements.
 10.2 Strength of materials and parts 10.2.3.1 Verification of thermal stability of enclosures
 Meets the product standard's requirements.
 10.2 Strength of materials and parts 10.2.3.2 Verification of resistance of insulating materials to normal heat
 Meets the product standard's requirements.
 10.2 Strength of materials and parts 10.2.3.3 Verification of resistance of insulating materials to abnormal heat and fire due to internal electric effects
 Meets the product standard's requirements.
 10.2 Strength of materials and parts 10.2.4 Resistance to ultra-violet (UV) radiation
 Meets the product standard's requirements.
 10.2 Strength of materials and parts 10.2.5 Lifting
 Does not apply, since the entire switchgear needs to be evaluated.
 10.2 Strength of materials and parts 10.2.6 Mechanical impact
 Does not apply, since the entire switchgear needs to be evaluated.
 10.2 Strength of materials and parts 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 Insulation properties 10.9.2 Power-frequency electric strength
 Is the panel builder's responsibility.
 10.9 Insulation properties 10.9.3 Impulse withstand voltage
 Is the panel builder's responsibility.
 10.9 Insulation properties 10.9.4 Testing of enclosures made of insulating material

Is the panel builder's responsibility.

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.

Technical data ETIM 7.0

Low-voltage industrial components (EG000017) / Chassis part power circuit breaker (EC002043)

Electric engineering, automation, process control engineering / Low-voltage switch technology / Circuit breaker (LV < 1 kV) / Chassis part circuit breaker (ec1@ss10.0.1-27-37-04-22 [ACN955011])

Rated current In

108 A

Number of poles

3

Version as busbar adapter

Yes

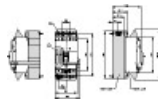
Version as built-in device

No

Type of electrical connection of main circuit

Frame clamp

Dimensions



CAD data

- [Product-specific CAD data](#)
(Web)
- [3D Preview](#)
(Web)

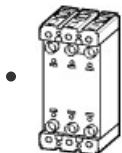
DWG files

- [DA-CD-nzm1_xsvs](#)
File
(Web)

Step files

- [DA-CS-nzm1_xsvs](#)
File
(Web)

3D drawing



1231713

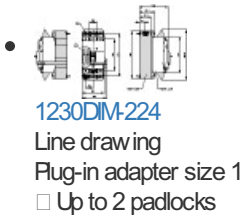
Line drawing

Removable compartment

Product photo



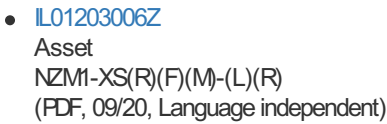
Dimensions single product



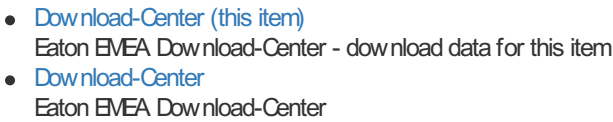
Symbol



Instruction Leaflet



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