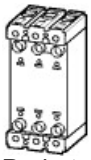
168472 NZM3-XSVS

Socket, 3p, 630A

Alternate Catalog No.	NZM3-XSVS
EL-Nummer (Norway)	4357580

Optional accessories for circuit-breaker series NZM offers a comprehensive portfolio of application possibilities for worldwide use. Modular functional groups make mounting flexible and simple.

Delivery program



Product range
Accessories
Accessories
Plug-in socket for basic unit
Standard/Approval
IEC
Installation type
Plug-in units
Construction size
NZM3
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 temperatureAmbient 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 61140Between auxiliary contacts and main contacts
500 V AC
Safe isolation to EN 61140between 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

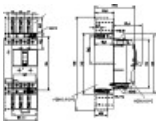
Technical data for design verification
Equipment heat dissipation, current-dependent [P_{vid}]
83.35 W
Operating ambient temperature min.
-25 °C
Operating ambient temperature max.
+70 °C
IEC/EN 61439 design verification
10.2 Strength of materials and parts10.2.2 Corrosion resistance
Meets the product standard's requirements.
10.2 Strength of materials and parts10.2.3.1 Verification of thermal stability of enclosures
Meets the product standard's requirements.
10.2 Strength of materials and parts10.2.3.2 Verification of resistance of insulating materials to normal heat
Meets the product standard's requirements.
10.2 Strength of materials and parts10.2.3.3 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 parts10.2.4 Resistance to ultra-violet (UV) radiation
Meets the product standard's requirements.
10.2 Strength of materials and parts10.2.5 Lifting
Does not apply, since the entire switchgear needs to be evaluated.
10.2 Strength of materials and parts10.2.6 Mechanical impact
Does not apply, since the entire switchgear needs to be evaluated.
10.2 Strength of materials and parts10.2.7 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 properties10.9.2 Power-frequency electric strength
Is the panel builder's responsibility.
10.9 Insulation properties10.9.3 Impulse withstand voltage
Is the panel builder's responsibility.
10.9 Insulation properties10.9.4 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 (ecl@ss10.0.1-27-37-04-22 [ACN955011])
Rated current In
500 A
Number of poles
3
Version as busbar adapter
No
Version as built-in device
Yes
Type of electrical connection of main circuit
Screw connection

Dimensions



CAD data

- Product-specific CAD data
  (Web)
- 3D Preview
  (Web)

DWG files

- DA-CD-nzm3_xsvs
  File
  (Web)

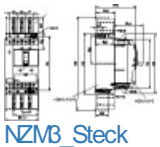
edz files

- DA-CE-ETN.NZM3-XSVS
  File
  (Web)

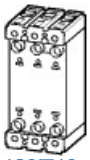
Step files

- DA-CS-nzm3_xsvs
  File
  (Web)

Dimensions single product

- 
  NZM3_Steck
  Line drawing

3D drawing

- 
  123I713
  Line drawing
  Removable compartment

Product photo

- 
  1230PIC-818
  Photo

Instruction Leaflet

- IL01219058Z2
  Asset
  (PDF, Language independent)

Download-Center

- Download-Center (this item)
  Eaton EMEA Download-Center - download data for this item
- Download-Center
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