

Select your language

- German
- English
- French
- Dutch
- Italian
- Polish
- Czech
- Russian
- Norwegian Bokmål

Worldwide English



Powering Business Worldwide

NZM3-XPS24DC - Power supply module for NZM3, 24 VDC



189823 NZM3-XPS24DC

[Overview](#) [Specifications](#) [Resources](#)



189823 NZM3-XPS24DC

Power supply module for NZM3, 24 VDC

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: Power supply modules - For 24 VDC power supply to the electronic trip unit. Auxiliary power supply connection for 2 x 24 V DC.



- [Delivery program](#)
- [Technical data](#)
- [Design verification as per IEC/EN 61439](#)
- [Technical data ETIM 7.0](#)
- [Approvals](#)

Delivery program

Product range
Accessories
Accessories
Power supply module
Standard/Approval
UL/CSA, IEC
Construction size
NZM3
Description
24 V DC supply to the electronic trip.
Mechanical pass-through of the switch's status (I, O) for use by the remote operator.
Connection type
with push in terminal

With bolt connection
For use with
NZMB(-4)-VX(MX)...

Technical data

Supply connection

Rated control voltage [U_s]DC [U_s]

24-24 V DC

Rated control voltage [U_s]Tolerance

+/- 20%

Rated control voltage [U_s]max. current consumption

100

Rated control voltage [U_s]ConnectionConnection type

Screw terminal

Rated control voltage [U_s]ConnectionStripping length

5 mm

Rated control voltage [U_s]ConnectionTerminal capacity Solid

1 x (0.2 - 1.5) mm²

Rated control voltage [U_s]ConnectionTerminal capacity Stranded

1 x (0.2 - 1.5) mm²

Rated control voltage [U_s]ConnectionTerminal capacity

1 x AWG 24 - AWG 16 AWG

Rated control voltage [U_s]ConnectionTerminal capacity with uninsulated end sleeve in accordance with DIN46228 / 1

1 x (0,25 - 0,75) mm²

Rated control voltage [U_s]ConnectionTerminal capacity with insulated end sleeve in accordance with DIN46224 / 4

1 x (0,25 - 0,75) mm²

Rated control voltage [U_s]ConnectionTerminal capacity Min. tightening torque

0.22 Nm

Rated control voltage [U_s]ConnectionTerminal capacity Maximum tightening torque

0.25 Nm

Design verification as per IEC/EN 61439

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) / Accessories for low-voltage switch technology (EC002498)

Electric engineering, automation, process control engineering / Low-voltage switch technology / Component for low-voltage switching technology / Component for low-voltage switch technology (accessories) (ecl@ss10.0.1-27-37-13-92 [AKN570013])

Type of accessory

Other

Approvals

Product Standards

In preparation

Degree of Protection

Installation in the switch

Product photo



[Photo](#)

Product photo

Photo



[Photo](#)

Product photo

Photo



[Photo](#)


Product photo


Photo

Download-Center

- [Download-Center \(this item\)](#)
Eaton EMEA Download-Center - download data for this item
- [Download-Center](#)
Eaton EMEA Download-Center

 [Generate data sheet in PDF format](#)

 [Generate data sheet in Excel format](#)

 [Write a comment](#)

[Imprint](#) [Privacy Policy](#) [Legal Disclaimer](#) [Terms and Conditions](#)

© 2020 by Eaton Industries GmbH

