

Select your language

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

Worldwide English



NZM4-XUV - Undervoltage release, for delay unit



266588 NZM4-XUV

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



## 266588 NZM4-XUV

Undervoltage release, for delay unit

EL-Nummer (Norway)

4358959

Undervoltage release for switch frame size NZM4, for combination with separate delay unit

• Delivery program

• Technical data

• Design verification as per IEC/EN 61439

• Technical data ETIM 7.0

• Approvals

### Delivery program

Product range

Accessories

Accessories

Undervoltage release

Accessories

Undervoltage releases, off-delayed

Standard/Approval

IEC

Construction size

NZM4

Description

Special releases for combining with separate delay time.

For use with emergency-stop devices in connection with an emergency-stop button.

not UL/CSA approved

UVU-NZM delay unit is additionally required.

Cannot be installed simultaneously with separate NZM...-XHIV early-make auxiliary contact or NZM...-XA... shunt release.

Connection type

With bolt connection

Auxiliary contacts

without auxiliary contact

For use with

NZM4(-4)

N(S)4(-4)

## Technical data

Undervoltage releases, off-delayed

Rated operational voltage [ $U_e$ ] [ $U_e$ ]

18 V DC

Terminal capacities Solid or flexible conductor, with ferrule

1 x (0,75 - 2,5)

2 x (0,75 - 2,5) mm<sup>2</sup>

Terminal capacities

1 x (18 ... 14)

2 x (18 ... 14) AWG

## Design verification as per IEC/EN 61439

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) / Under voltage coil (EC001022)

Electric engineering, automation, process control engineering / Low-voltage switch technology / Circuit breaker (LV < 1 kV) / Undervoltage trip (ecl@ss10.0.1-27-37-04-17 [AKF015013])

Rated control supply voltage  $U_s$  at AC 50HZ

0 - 0 V

Rated control supply voltage  $U_s$  at AC 60HZ

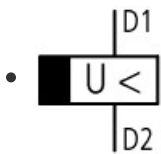
0 - 0 V

Rated control supply voltage  $U_s$  at DC  
0 - 0 V  
Voltage type for actuating  
DC  
Type of electric connection  
Screw connection  
Number of contacts as normally open contact  
0  
Number of contacts as normally closed contact  
0  
Number of contacts as change-over contact  
0  
Delayed  
Yes  
Suitable for power circuit breaker  
Yes  
Suitable for off-load switch  
Yes  
Suitable for motor safety switch  
No  
Suitable for overload relay  
No

## Approvals

Product Standards  
UL489; CSA-C22.2 No. 5-09; IEC60947, CE marking  
UL File No.  
E140305  
UL Category Control No.  
DIHS  
CSA File No.  
022086  
CSA Class No.  
1437-01  
North America Certification  
UL listed, CSA certified

## Wiring diagram



123S015

Line drawing

Undervoltage releases, off-delayed

## Product photo



1230PIC-1148

Photo

## Instruction Leaflet

- Shunt release, Undervoltage release, Early-make auxiliary contact (IL01210005Z)  
Asset  
IL01210005Z  
(PDF, 10/2010, Language independent)

## CAD data

## edz files

- [DA-CE-ETN.NZM4-XUV](#)  
File  
(Web)

## 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](#)

© 2022 by Eaton Industries GmbH

