

Select your language

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

Worldwide English



NZM4-XMV - Interlock, mechanical, size 4



281584 NZM4-XMV

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



## 281584 NZM4-XMV

Interlock, mechanical, size 4

EL-Nummer (Norway)

4359013

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: allows interlocking of 2, 3 or up to 4 switches, including different construction sized switches, between digital inputs. For every switch an interlocking module NZM...-XMV and a rotary handle on switch NZM...-XDV or a door coupling rotary handle NZM...-XTVD and Bow den cables are required. Cannot be combined with UL/CSA door coupling rotary handles NZM...-XTV...-NA or paralleling mechanisms, side wall operators and remote operator as well as insulating surrounds. Can be used for: NZM4(-4), N(NO)4(-4)

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

### Delivery program

Description

Allows interlocking of 2, 3 or 4 switches, including different construction sized switches, with NZM-XBZ... Bow den cables.

For use with

NZM4(-4)

N(S)4(-4)

**Notes**

Cannot be combined with NZM...-XTV...-NA door coupling rotary handles.

At least 2 interlock modules are required in order to assemble a mechanical interlock.

Possible combinations and interlock versions  Engineering

Order Bow den cable separately.

### 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) / Mechanic interlock for switch (EC001044)  
 Electric engineering, automation, process control engineering / Low-voltage switch technology / Component for low-voltage switching technology / Mechanic interlock for switch (ecl@ss10.0.1-27-37-13-03 [AKN341013])  
 Auxiliary contacts, extendable  
 No  
 Number of contacts as normally closed contact  
 0  
 Number of contacts as normally open contact  
 0

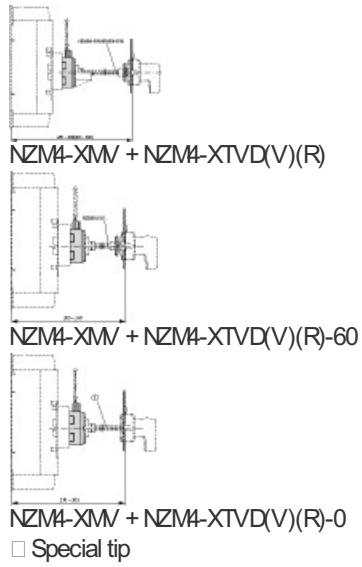
## Approvals

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

## Dimensions



NZM4-XM + NZM4-XDV(R)



## CAD data

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

## DWG files

- [DA-CD-nzm4\\_xmv](#)  
File  
(Web)

## Step files

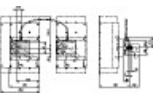
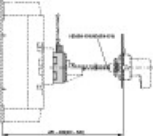
- [DA-CS-nzm4\\_xmv](#)  
File  
(Web)

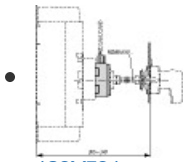
## Product photo



- [sg07415](#)  
Photo  
Mechanical interlock

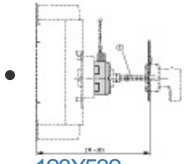
## Dimensions single product

-   
[123X347](#)  
Line drawing  
Mechanical interlock
-   
[123X530](#)  
Line drawing  
Mechanical interlock



[123X531](#)

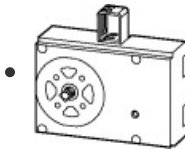
Line drawing  
Mechanical interlock



[123X532](#)

Line drawing  
Mechanical interlock  
 Special tip

## 3D drawing



[123I661](#)

Line drawing  
Mechanical interlock

## Instruction Leaflet

- [IL01219012Z](#)  
Asset  
(PDF, Language independent)

## 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