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Worldwide English



NZM2-XMV - Interlock, mechanical, size 2



281582 NZM2-XMV

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281582 NZM2-XMV

Interlock, mechanical, size 2

EL-Nummer (Norway)

4359009

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: NZM2(-4), FN2(-4), N(S)2(-4)

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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

NZM2(-4)

FN2(-4), N(S)2(-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.

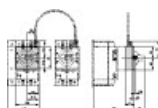
Technical data ETIM 7.0

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

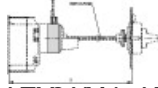
Approvals

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

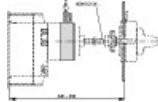
Dimensions



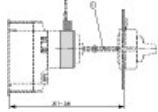
NZM2-XM + NZM2-XD



NZM2-XM + NZM2-XTVD(V)(R)



NZM2-XM + NZM2-XTVD(V)(R)-60



NZM2-XM + NZM2-XTVD(V)(R)-0

Special tip

CAD data

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

DWG files

- [DA-CD-nzm2_xmv](#)
File
(Web)

Step files

- [DA-CS-nzm2_xmv](#)
File
(Web)

Product photo

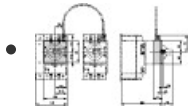


[sg07515](#)

Photo

Mechanical interlock

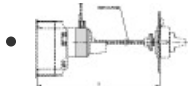
Dimensions single product



[123X345](#)

Line drawing

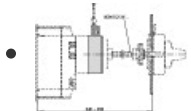
Mechanical interlock



[123X524](#)

Line drawing

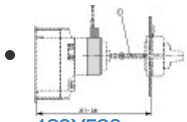
Mechanical interlock



[123X525](#)

Line drawing

Mechanical interlock



123X526

- Line drawing
- Mechanical interlock
- Special tip

3D drawing

- 1231659
- Line drawing
- Mechanical interlock

Instruction Leaflet

- IL01219012Z
- Asset
- (PDF, Language independent)

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