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NZM2/3-XUV - Undervoltage release, for delay unit



259527 NZM2/3-XUV

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259527 NZM2/3-XUV

Undervoltage release, for delay unit

EL-Nummer (Norway)

4358772

Undervoltage release for switch frame size NZM2/3, 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

NZM2/3

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

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

NZM3(-4), N(S)3(-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) mm²

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

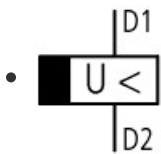
0 - 0 V

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-1135

Photo

Instruction Leaflet

- [NZM \$\mathbb{2}\$ /3 X-IV \(IL012141ZU\)](#)
IL012141ZU
(PDF, 03/20, Language independent)

CAD data

edz files

- [DA-CE-ETN.NZM2_3-XUV](#)
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