



Interlock, mechanical, size 2

Part no. NZM2-XMV
Catalog No. 281582

EL-Nummer (Norway) 4359009

Similar to illustration

Delivery program

| | | |
|--------------|--|--|
| Description | | Allows interlocking of 2, 3 or 4 switches, including different construction sized switches, with NZM-XBZ... Bowden cables. |
| For use with | | NZM2(-4) PN2(-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 Bowden 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. |
| 10.2.3.1 Verification of thermal stability of enclosures | | | Meets the product standard's requirements. |
| 10.2.3.2 Verification of resistance of insulating materials to normal heat | | | Meets the product standard's requirements. |
| 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. |
| 10.2.4 Resistance to ultra-violet (UV) radiation | | | Meets the product standard's requirements. |
| 10.2.5 Lifting | | | Does not apply, since the entire switchgear needs to be evaluated. |
| 10.2.6 Mechanical impact | | | Does not apply, since the entire switchgear needs to be evaluated. |
| 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. |
| 10.9.3 Impulse withstand voltage | | | Is the panel builder's responsibility. |
| 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. |

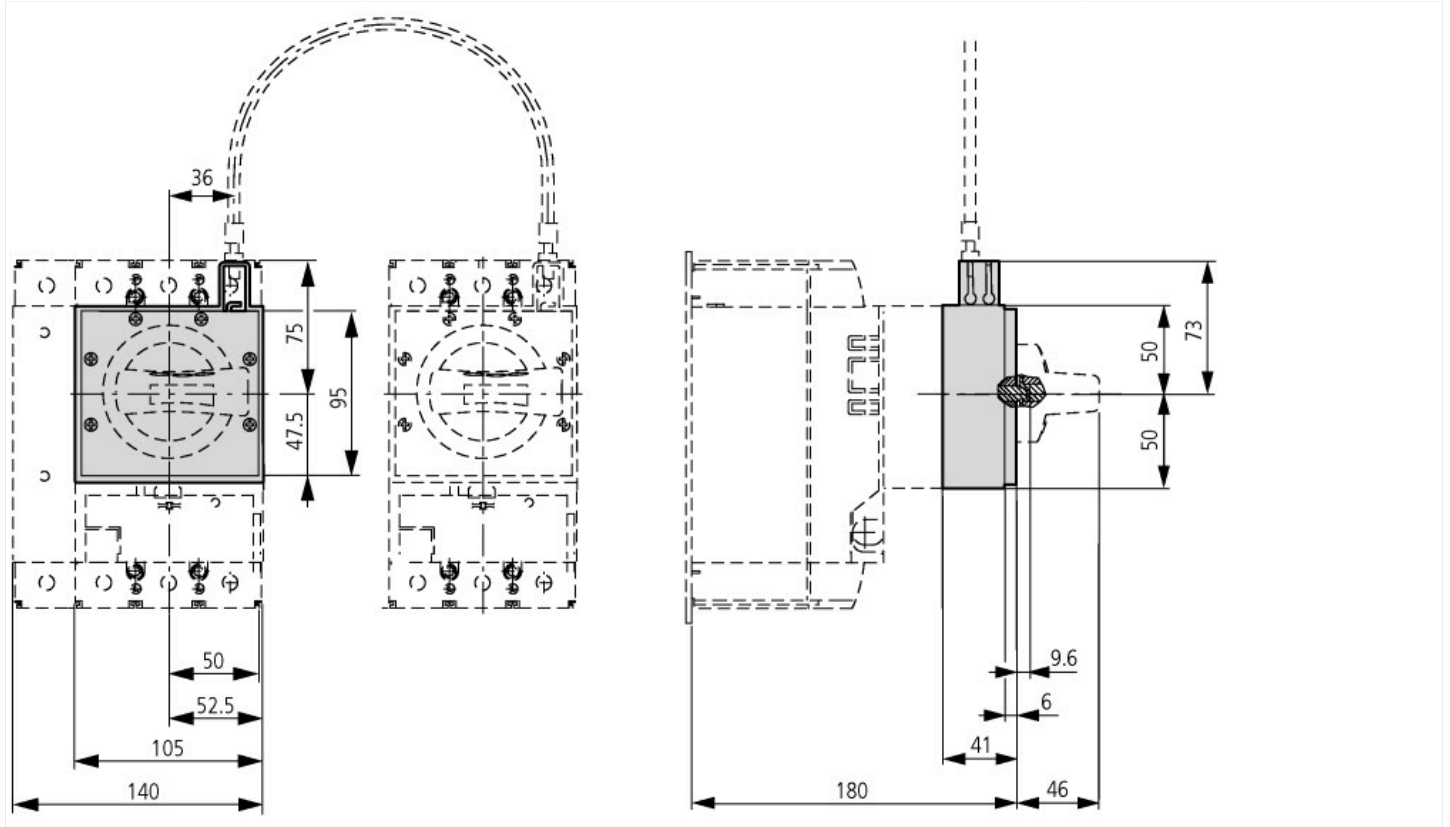
Technical data ETIM 6.0

| | | | |
|--|--|--|----|
| 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@ss8.1-27-37-13-03 [AKN341010]) | | | |
| Auxiliary contacts, extendable | | | No |
| Number of contacts as normally closed contact | | | 0 |
| Number of contacts as normally open contact | | | 0 |

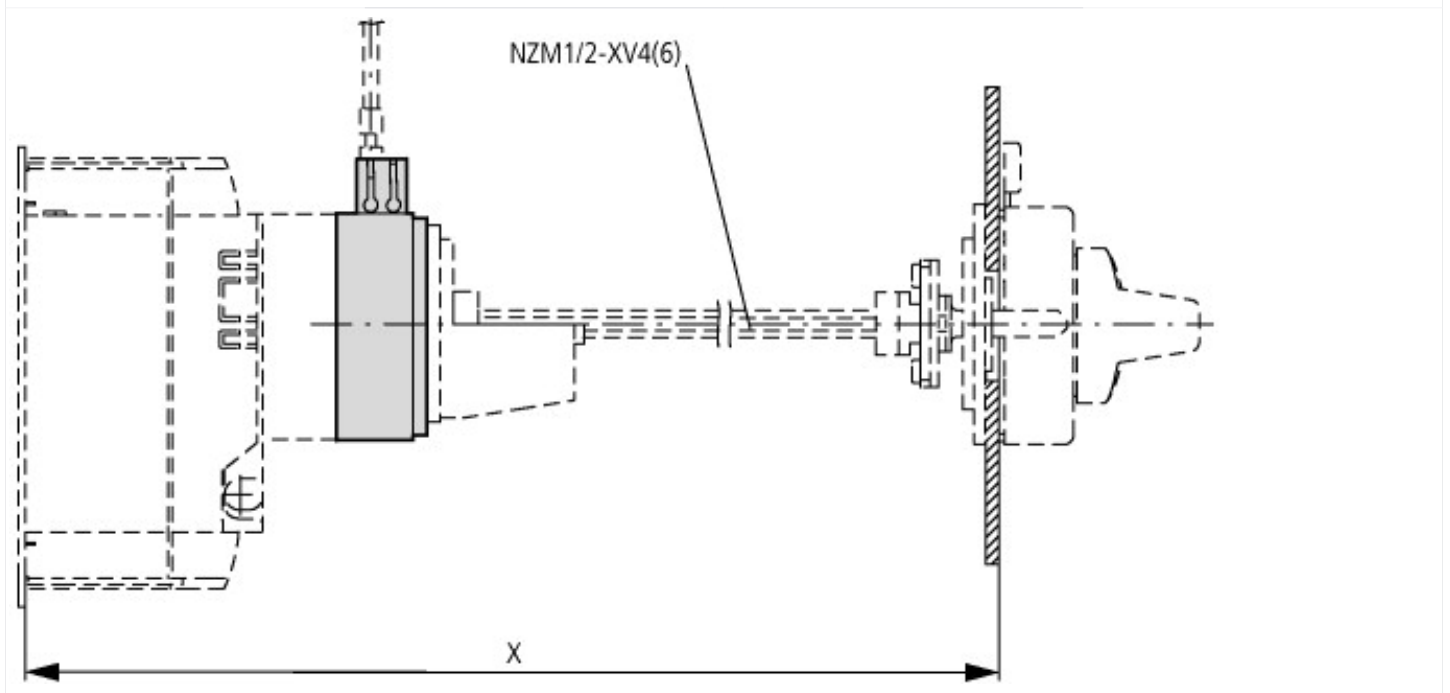
Approvals

| | |
|-----------------------------|---|
| 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 |

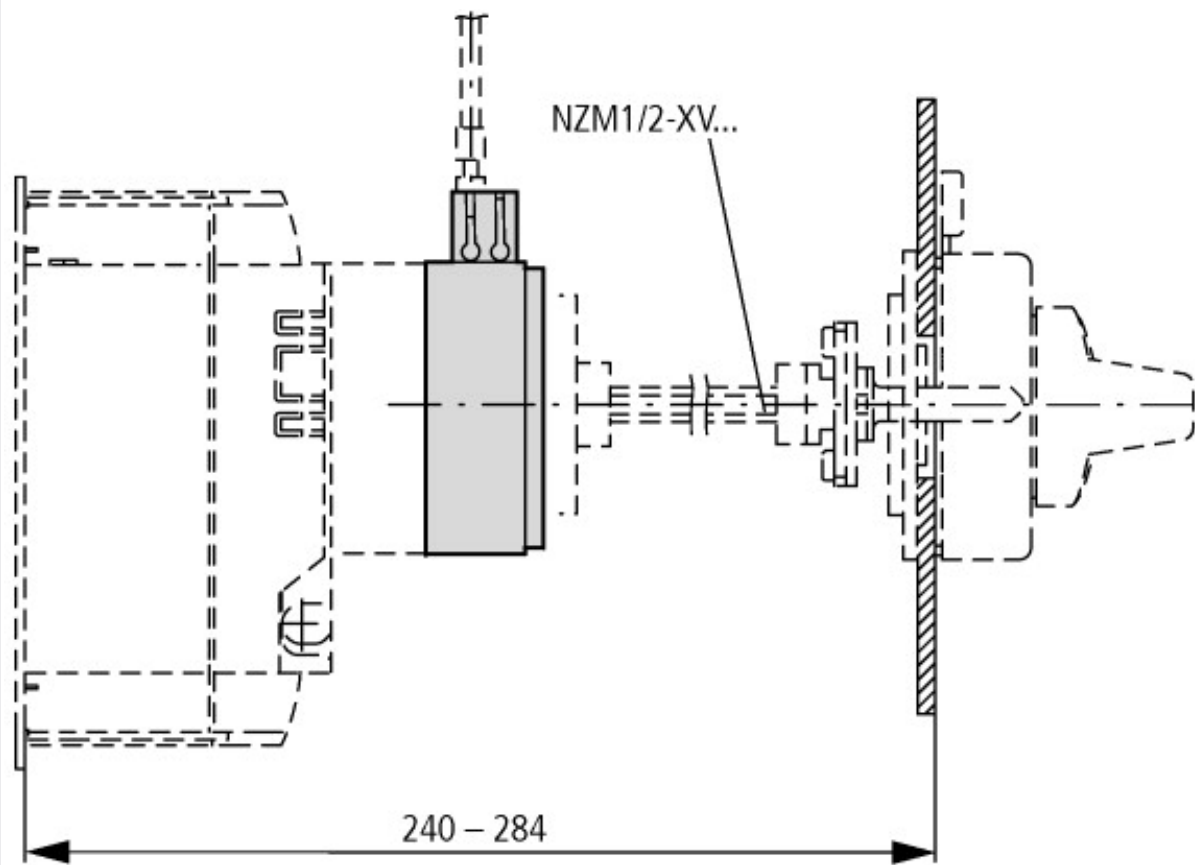
Dimensions



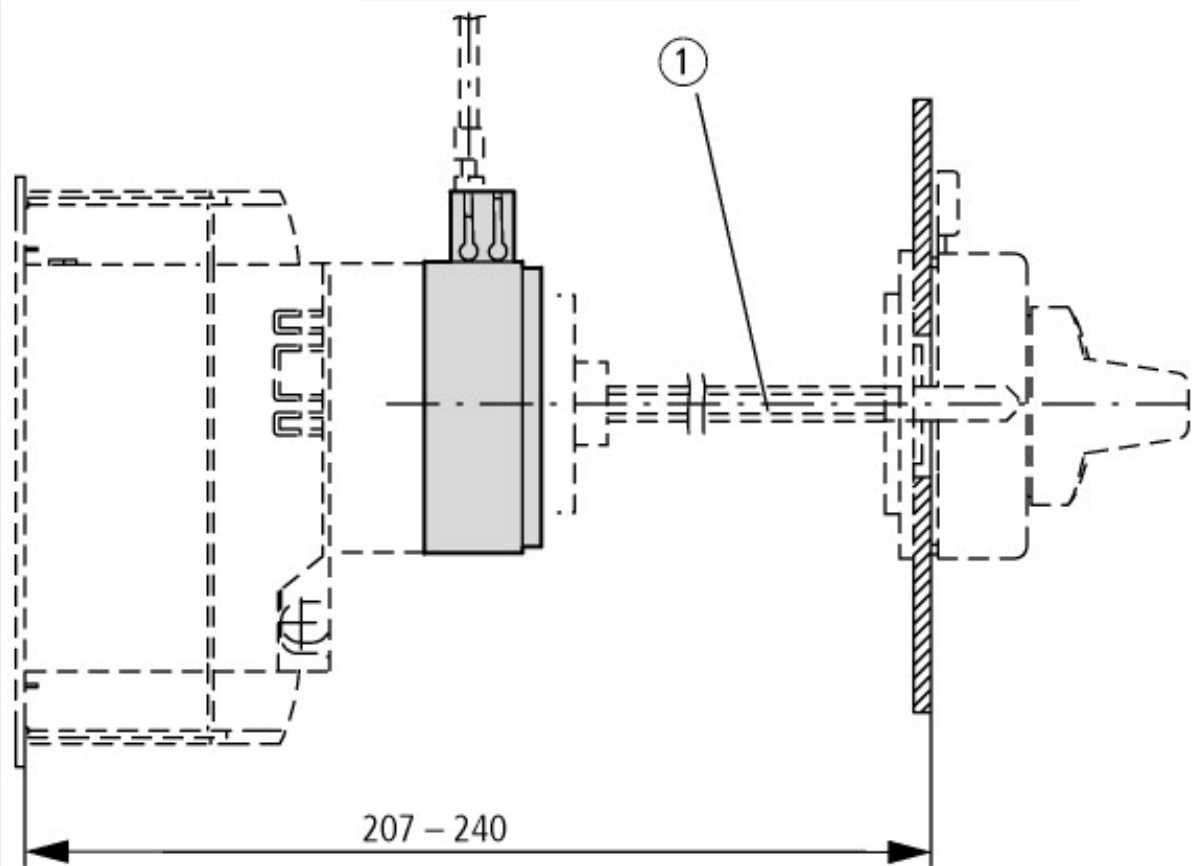
NZM2-XMV + NZM2-XD



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



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



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

① Special tip