



Interlock, mechanical, for remote operator

Part no. **NZM3/4-XMVRL**  
 Catalog No. **104551**

Similar to illustration

### Delivery program

|  |  |  |
|--|--|--|
| Description  |  | For 2 switches of the same or next frame size with each other<br>Extra long Bowden cables for mounting under one another or in adjacent control panel sections |
| For use with   |  | NZM3(-4), N(S)3(-4)<br>+ NZM4(-4), N(S)4(-4)   |
| <b>Notes</b>   |  |  |
| Type contains parts for both switch sides.   |  |  |
| Extension shaft additionally required.   |  |  |
| Max. switch clearances Engineering   |  |  |
| Can not be combined with rotary handles, door coupling rotary handles, early-make auxiliary contacts, and direct-switching remote operator NZM2-XRD. |  |  |

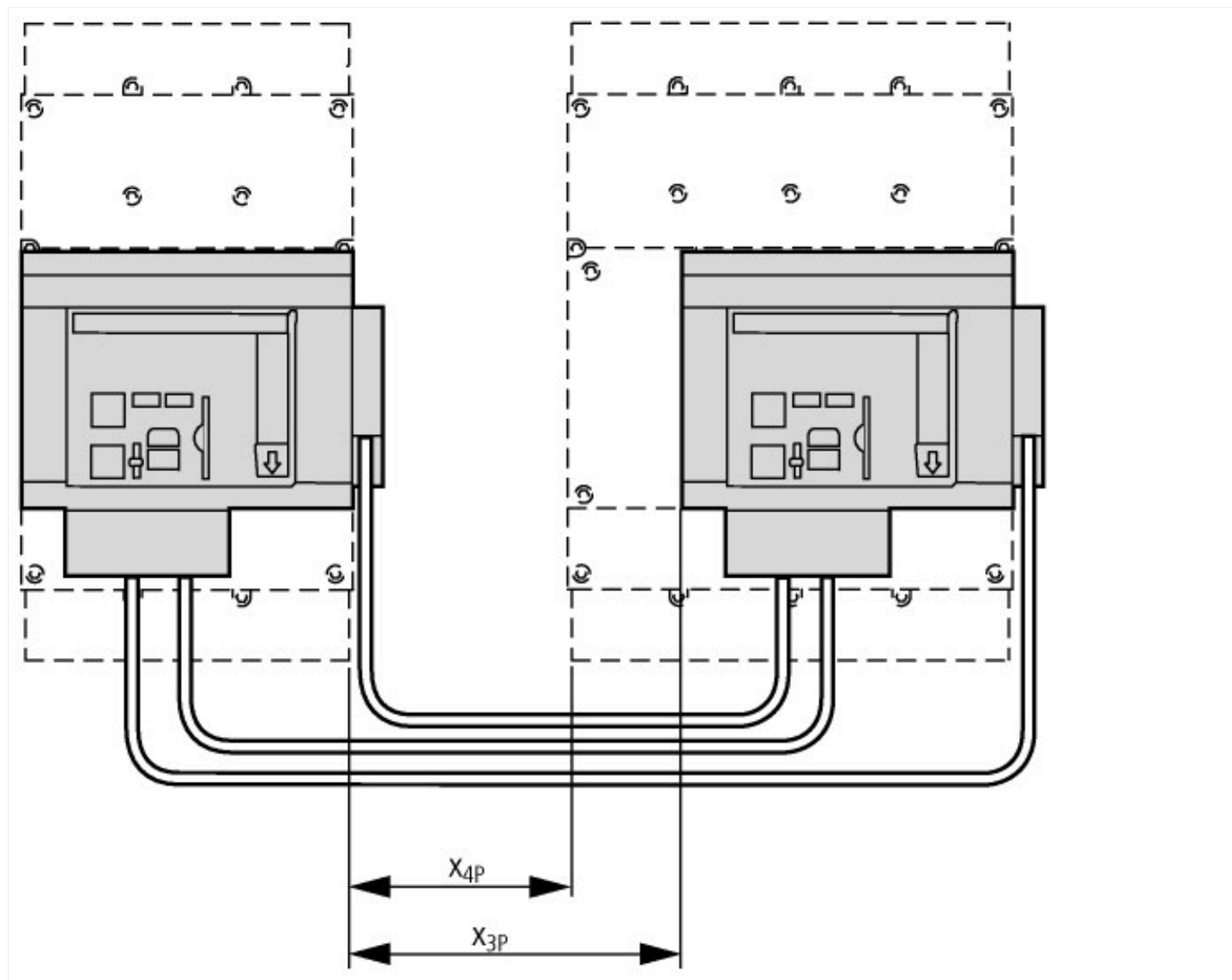
### Design verification as per IEC/EN 61439

| 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 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 (ec@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  |

## Dimensions



## Additional product information (links)

### IL01219034Z (AWA1230-2335) mechanical interlock for NZM4 remote operator

IL01219034Z (AWA1230-2335) mechanical interlock for NZM4 remote operator

[https://es-assets.eaton.com/DOCUMENTATION/AWA\\_INSTRUCTIONS/IL01219034Z2012\\_09.pdf](https://es-assets.eaton.com/DOCUMENTATION/AWA_INSTRUCTIONS/IL01219034Z2012_09.pdf)

### IL01219035Z (AWA1230-2350) mechanical interlock for NZM2 remote operator

IL01219035Z (AWA1230-2350) mechanical interlock for NZM2 remote operator

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