

Interlock, mechanical, size 1



**Part no.** NZM1-XMV  
**281581**  
**EL Number** 4359007  
**(Norway)**

General specifications		
Product name		Eaton Moeller series NZM mounting accessory
Part no.		NZM1-XMV
EAN		4015082815813
Product Length/Depth		90 millimetre
Product height		50 millimetre
Product width		85 millimetre
Product weight		0.308 kilogram
Compliances		UL/CSA IEC RoHS conform
Certifications		UL (Category Control Number DIHS) UL listed CSA-C22.2 No. 5-09 UL (File No. E140305) CSA certified CSA (File No. 22086) CSA (Class No. 1437-01) UL489 CE marking IEC60947
Product Tradename		NZM
Product Type		Accessories
Product Sub Type		Mounting accessory
Delivery program		
Type		Accessory. Mechanical interlock
Accessory/spare part type		Other
Special features		Allows interlocking of 2, 3 or 4 switches, including different construction sized switches, with NZM-XBZ... bowden cables.
Frame		NZM1
Used with		NZM1 NZM1-NA N(S)1(-4) NZM1-4 PN1-4 NS1 PN1 NZM1(-4) N1 N1-4 PN1(-4)
Technical Data - Mechanical		
Special features		Allows interlocking of 2, 3 or 4 switches, including different construction sized switches, with NZM-XBZ... bowden cables.
Design verification as per IEC/EN 61439		
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 Resist. of insul. mat. to abnormal heat/fire by internal elect. 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.
10.9.2 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 9.0

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 (ec1@ss13-27-37-13-03 [AKN341018])			
Auxiliary contacts, extendable			No
Number of contacts as normally closed contact			
Number of contacts as normally open contact			