

Main switch assembly kit, +additional handle, size 1



Part no. **NZM1-XHB-DA**  
**125956**

General specifications	
Product name	Eaton Moeller series NZM operating element
Part no.	NZM1-XHB-DA
EAN	4015081235629
Product Length/Depth	380 millimetre
Product height	100 millimetre
Product width	140 millimetre
Product weight	0.683 kilogram
Compliances	UL/CSA IEC RoHS conform
Certifications	UL (File No. E140305) NFPA79 CSA certified CE marking CSA (Class No. 1437-01) UL listed Specially designed for North America CSA (File No. 22086) IEC60947 CSA-C22.2 No. 5-09 UL489 UL (Category Control Number DIHS) UL508A
Product Tradename	NZM
Product Type	Accessories
Product Sub Type	Operating element
Delivery program	
Type	Accessory Main switch assembly kit
Features	Lockable With black door coupling rotary handle
Special features	External warning plate/designation label can be clipped on. For enhanced busbar tag shroud on the incomer side, please order IP2X protection against contact with a finger. Kit for use as a main switch
Frame	NZM1
Fitted with:	Door coupling rotary handle with rotary drive Black and yellow lightning symbol External warning plate/markings plate in German/English Add-on rotary handle on switch with "Deliberate Action" operation as per NFPA79 and UL508A Part 2 NZM1/2-XV4 shaft extension for mounting depth of 400 mm Padlock
Suitable for	Power circuit breaker Switch disconnecter
Used with	NZM1(-4) N1(-4) PN1(-4)
Technical Data - Mechanical	
Color	Gray
Cover/door type	Door interlock on OFF with max. 3 padlocks After the door interlock is activated, must not be opened while on ON or TRIP. Must only be opened on OFF Door interlock can be modified such that it can be defeated from the outside using a screwdriver Door interlock not defeated in the locked OFF position.
Degree of protection / NEMA enclosure type	IP66 4X. 12
Locking facility	Can also be modified in I position Lockable on the 0 position on the handle using up to 3 padlocks Lockable on the switch in the 0 position With door interlock
Special features	External warning plate/designation label can be clipped on. For enhanced busbar tag shroud on the incomer side, please order IP2X protection against contact with a finger. Kit for use as a main switch

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) / Handle for power circuit breaker (EC000229)		
Electric engineering, automation, process control engineering / Low-voltage switch technology / Circuit breaker (LV < 1 kV) / Handle for switch devices (ecl@ss13-27-37-04-14 [AKF012019])		
With restart blockage		No
With key lock		No
Padlock locking		Yes
Colour		Grey
Suitable for emergency stop		No
With extension shaft		No
Suitable for power circuit breaker		Yes
Suitable for switch disconnecter		Yes
Degree of protection (NEMA)		4X, 12