

## Main switch assembly kit, handle red, size 1

**Part no.**                    **NZM1-XHBR**  
                                      **266632**  
**EL Number**                **4315578**  
**(Norway)**

<b>General specifications</b>		
Product name		Eaton Moeller series NZM operating element
Part no.		NZM1-XHBR
EAN		4015082666323
Product Length/Depth		190 millimetre
Product height		90 millimetre
Product width		90 millimetre
Product weight		0.786 kilogram
Compliances		IEC UL/CSA RoHS conform
Certifications		UL (Category Control Number DIHS) CSA (Class No. 1437-01) CSA certified UL489 UL listed IEC60947 CSA (File No. 22086) CE marking CSA-C22.2 No. 5-09 UL (File No. E140305)
Product Tradename		NZM
Product Type		Accessories
Product Sub Type		Operating element
<b>Delivery program</b>		
Type		Accessory Main switch assembly kit
Features		Lockable With red door coupling rotary handle for use of switch as emergency switching off device to IEC/EN 60204-1, VDE 0113 part 1
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:		NZM...-XV4 extension shaft Black and yellow lightning symbol External warning plate/markings plate in German/English Extension shaft Door coupling rotary handle with rotary drive Padlock
Suitable for		Emergency stop Switch disconnecter Power circuit breaker
Used with		N(S)1(-4) PN1(-4) NZM1(-4)
<b>Technical Data - Mechanical</b>		
Color		Red
Cover/door type		Door interlock not defeated in the locked OFF position. 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 can only be switched ON when the door is closed
Degree of protection / NEMA enclosure type		IP66 4X. 12
Locking facility		Lockable on the switch in the 0 position Lockable on the 0 position on the handle using up to 3 padlocks 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
<b>Design verification as per IEC/EN 61439</b>			
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		Red
Suitable for emergency stop		Yes
With extension shaft		Yes
Suitable for power circuit breaker		Yes
Suitable for switch disconnecter		Yes
Degree of protection (NEMA)		4X, 12