



## Rotary handle, red-yellow, lockable on the handle, size 1

**Part no. NZM1-XDTVR  
260142**

<b>General specifications</b>		
Product name		Eaton Moeller series NZM operating element
Part no.		NZM1-XDTVR
EAN		4015082601423
Product Length/Depth		80 millimetre
Product height		54 millimetre
Product width		90 millimetre
Product weight		0.29 kilogram
Compliances		RoHS conform UL/CSA IEC
Certifications		IEC60947 UL listed CSA-C22.2 No. 5-09 CSA (File No. 22086) UL489 CSA (Class No. 1437-01) CSA certified UL (Category Control Number DIHS) UL (File No. E140305) CE marking
Product Tradename		NZM
Product Type		Accessories
Product Sub Type		Operating element
<b>Delivery program</b>		
Type		Accessory Rotary handle on switch with door interlock
Features		Lockable Red-yellow for emergency switching off
Special features		Complete with rotary drive and insulating surround Makes it possible to operate the switch with a rotational movement and provides locking facilities
Frame		NZM1
Fitted with:		Padlock
Suitable for		Switch disconnecter Emergency stop Power circuit breaker
Used with		NZM1(-4), PN1(-4), N(S)1(-4)
<b>Technical Data - Mechanical</b>		
Color		Red
Cover/door type		Door interlock in ON position Door interlock can be defeated from the outside using a 1 mm pin Door can be opened in OFF Door interlock can only be switched ON when the door is closed Door interlock not defeated in the locked OFF and ON positions
Degree of protection / NEMA enclosure type		4X, 12 IP40
Activation type		Rotary handle
Locking facility		Lockable on the 0 position on the handle using up to 3 padlocks Also available with door interlock e.g. for MCC service distribution
Special features		Complete with rotary drive and insulating surround Makes it possible to operate the switch with a rotational movement and provides locking facilities
<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			No
Suitable for power circuit breaker			Yes
Suitable for switch disconnecter			Yes
Degree of protection (NEMA)			4X, 12