

Rotary handle, lockable on the handle, size 1



Part no. NZM1-XDTV
260131
EL Number 4362696
(Norway)

General specifications	
Product name	Eaton Moeller series NZM operating element
Part no.	NZM1-XDTV
EAN	4015082601317
Product Length/Depth	80 millimetre
Product height	54 millimetre
Product width	90 millimetre
Product weight	0.288 kilogram
Compliances	IEC UL/CSA RoHS conform
Certifications	CSA (Class No. 1437-01) CE marking UL489 CSA certified UL (File No. E140305) UL (Category Control Number DIHS) CSA (File No. 22086) CSA-C22.2 No. 5-09 IEC60947 UL listed
Product Tradename	NZM
Product Type	Accessories
Product Sub Type	Operating element
Delivery program	
Type	Accessory Rotary handle on switch with door interlock
Features	Standard: black / gray Lockable
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	Power circuit breaker Switch disconnector
Used with	NZM1(-4), PN1(-4), N(S)1(-4)
Technical Data - Mechanical	
Color	Black
Cover/door type	Door interlock can be defeated from the outside using a 1 mm pin Door interlock in ON position Door interlock can only be switched ON when the door is closed Door interlock not defeated in the locked OFF and ON positions Door can be opened in OFF
Degree of protection / NEMA enclosure type	IP40 4X. 12
Activation type	Rotary handle
Locking facility	Also available with door interlock e.g. for MCC service distribution Can also be modified in I position Lockable on the 0 position on the handle using up to 3 padlocks
Special features	Complete with rotary drive and insulating surround Makes it possible to operate the switch with a rotational movement and provides locking facilities
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		Black
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