

Door coupling rotary handle, red-yellow, max 60mm shaft, size 1



**Part no.**                    **NZM1-XTVDVR-60**  
**271512**

<b>General specifications</b>		
Product name		Eaton Moeller series NZM operating element
Part no.		NZM1-XTVDVR-60
EAN		4015082715120
Product Length/Depth		75 millimetre
Product height		190 millimetre
Product width		90 millimetre
Product weight		0.645 kilogram
Compliances		IEC UL/CSA RoHS conform
Certifications		UL (File No. E140305) UL (Category Control Number DIHS) UL489 CSA certified CSA (Class No. 1437-01) CSA-C22.2 No. 5-09 CE marking IEC60947 UL listed CSA (File No. 22086)
Product Tradename		NZM
Product Type		Accessories
Product Sub Type		Operating element
<b>Delivery program</b>		
Type		Accessory Door coupling rotary handle
Features		Lockable Red-yellow for emergency switching off
Special features		Complete including rotary drive and coupling parts Extension shaft additionally required. For maximum shaft length 60 mm Without shaft support Cannot be combined with NZM...-XDZ additional handle External warning plate/designation label can be clipped on. Door coupling rotary handle for operating the switch through a closed control panel door
Frame		NZM1
Fitted with:		Padlock Extension shaft
Suitable for		Power circuit breaker Emergency stop Switch disconnecter
Used with		NZM1(-4), PN1(-4), N(S)1(-4)
<b>Technical Data - Mechanical</b>		
Color		Red
Cover/door type		Door interlock can be modified such that it can be defeated from the outside using a screwdriver Door can be opened in OFF Door interlock can be modified in the unlocked ON position Door interlock not defeated in the locked OFF position.
Degree of protection / NEMA enclosure type		IP66 4X. 12
Lock number		Double lockable
Locking facility		Lockable on the handle on the switch using up to 3 padlocks With door interlock
Special features		Complete including rotary drive and coupling parts Extension shaft additionally required. For maximum shaft length 60 mm Without shaft support Cannot be combined with NZM...-XDZ additional handle External warning plate/designation label can be clipped on. Door coupling rotary handle for operating the switch through a closed control panel door
<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