

Door coupling rotary handle, black, max 60mm shaft, size 1

Part no. **NZM1-XTVD-60**
271504

General specifications		
Product name		Eaton Moeller series NZM operating element
Part no.		NZM1-XTVD-60
EAN		4015082715045
Product Length/Depth		75 millimetre
Product height		190 millimetre
Product width		90 millimetre
Product weight		0.59 kilogram
Compliances		UL/CSA IEC RoHS conform
Certifications		IEC60947 CSA (File No. 22086) CSA certified CE marking CSA-C22.2 No. 5-09 UL489 UL listed UL (Category Control Number DIHS) UL (File No. E140305) CSA (Class No. 1437-01)
Product Tradename		NZM
Product Type		Accessories
Product Sub Type		Operating element
Delivery program		
Type		Accessory Door coupling rotary handle
Features		Lockable Standard: black / gray
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
Suitable for		Power circuit breaker Switch disconnecter
Used with		NZM1(-4), PN1(-4), N(S)1(-4)
Technical Data - Mechanical		
Color		Other
Cover/door type		Door can be opened in 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 and ON positions Door interlock can be modified in the unlocked ON position
Degree of protection / NEMA enclosure type		IP66 4X. 12
Lock number		Single lockable
Locking facility		With door interlock Lockable on the 0 position on the handle using up to 3 padlocks
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

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		Other
Suitable for emergency stop		No
With extension shaft		No
Suitable for power circuit breaker		Yes
Suitable for switch disconnector		Yes
Degree of protection (NEMA)		4X, 12