



Rotary handle, toggle, red, lockable, size 1

Part no. **NZM1-XDVGR**  
 Catalog No. **285249**

### Delivery program

Product range		Accessories
Accessories		Rotary handle on circuit-breaker
Standard/Approval		UL/CSA, IEC
Construction size		NZM1
Description		Makes it possible to operate the switch with a rotational movement and provides locking facilities
Function		Red-yellow for emergency switching off
Protection class		IP20
Locking facility		lockable on the 0 position on the handle using up to 3 padlocks
Project planning information		Complete with rotary drive Can be combined with insulating surround MODAN handle position detection by wire release can be retrofitted
Actuation		Rotary handle
For use with		NZM1(-4), PN1(-4), N(S)1(-4)
<b>Notes</b>		
Circuit-breaker can also be installed in a lying position 90 ° left/right, with the handle still in the same position.		

### Design verification as per IEC/EN 61439

IEC/EN 61439 design verification		
10.2 Strength of materials and parts		
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 Verification of resistance of insulating materials to abnormal heat and fire due to internal electric 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 Insulation properties		
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 7.0

Low-voltage industrial components (EG000017) / Handle for power circuit breaker (EC000229)

Lockable		Yes
Colour		Red
Suitable for emergency stop		Yes
With extension shaft		No
Suitable for power circuit breaker		Yes
Suitable for switch disconnecter		Yes

## Dimensions

