DATASHEET - NZM1-XDTVR-NA



Rotary handle, red, lockable on the handle, NA type $\,$

Powering Business Worldwide

Part no. NZM1-XDTVR-NA Catalog No. 271455

Similar to illustration

Delivery program	
Product range	Accessories
Accessories	Rotary handle on switch with door interlock
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	IP40
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
Door interlock	Door interlock in ON position can be defeated from the outside using a 1 mm pin Not defeated in the locked OFF and ON positions Door opens only with active rotation beyond the 0 position Can only be switched ON when the door is closed cannot be combined with mechanical locking
Project planning information	Complete with rotary drive and insulating surround Cannot be combined with mechanical interlock
For use with	NZM1, N(S)1

Notes

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.	
10.2.3.3Verification 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 b observed.	
10.12 Electromagnetic compatibility	Is the panel builder's responsibility. The specifications for the switchgear must b observed.	

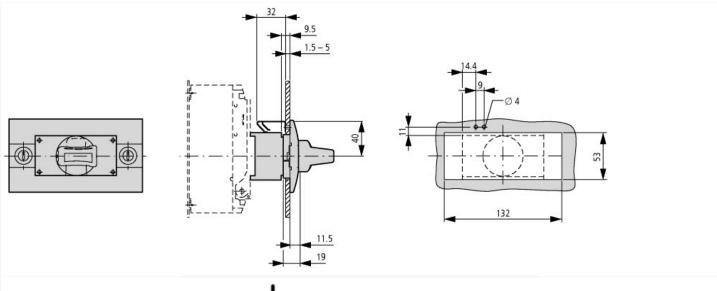
Technical data ETIM 7.0

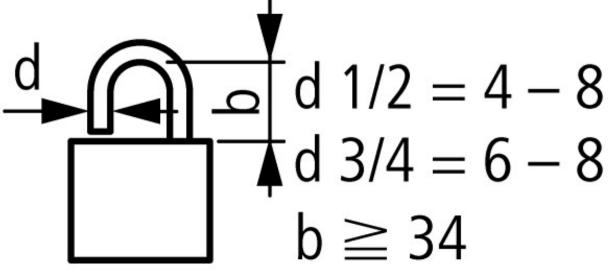
Low-voltage industrial components (EG000017) / Handle for power circuit breaker (EC000229)			
Electric engineering, automation, process control engineering / Low-voltage switch technology / Circuit breaker (LV < 1 kV) / Handle for switch devices (ecl@ss10.0.1-27-37-04-14 [AKF012014])			
Lockable	Yes		
Colour	Red		
Suitable for emergency stop	Yes		
With extension shaft	No		
Suitable for power circuit breaker	Yes		
Suitable for switch disconnector	Yes		

Approvals

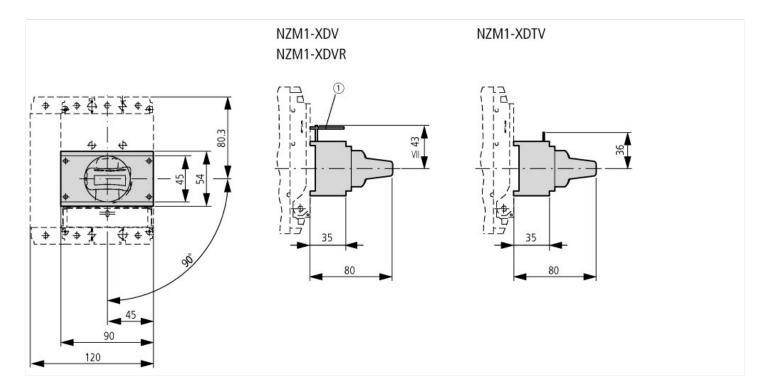
Product Standards	UL489; CSA-C22.2 No. 5-09; IEC60947, CE marking
UL File No.	E140305
UL Category Control No.	DIHS
CSA File No.	022086
CSA Class No.	1437-01
North America Certification	UL listed, CSA certified
Specially designed for North America	Rotary handle with additional 4th position, beyond OFF, to release door interlock.

Dimensions





 ${\color{red} \textcircled{1}} \ \textbf{Mounting aperture}$



Additional product information (links)

IL01203005Z (AWA1230-1998) Door coupling rotary handle

IL01203005Z (AWA1230-1998) Door coupling rotary handle

 $ftp://ftp.moeller.net/DOCUMENTATION/AWA_INSTRUCTIONS/IL01203005Z2019_03.pdf$