DATASHEET - NZM3-XTVDVR-0-NA



Door coupling rotary handle, red-yellow, lockable, size 3



Part no. NZM3-XTVDVR-0-NA Catalog No. 100681

Similar to illustration

Delivery program		
Product range	Accessories	
Accessories	Door coupling rotary handle	
Standard/Approval	UL/CSA, IEC	
Construction size	NZM3	
Description	Door coupling rotary handle for operating the switch through a closed control panel door	
Function	Red-yellow for emergency switching off	
Protection class	IP66 UL/CSA Type 4X, Type 12	
Locking facility	lockable on the handle on the switch using up to 3 padlocks With door interlock	
Door interlock	Not defeated in the locked OFF position. Door opens only with active rotation beyond the 0 position	
Project planning information	Complete including rotary drive and coupling parts Cannot be combined with mechanical interlock For extremely narrow fittings With special short extension shaft Cannot be combined with NZMXDZ additional handle External warning plate/designation label can be clipped on.	
For use with	NZM3, N(S)3	
lockable	single	

Design verification as per IEC/EN 61439

Jesign verification as per IEC/EN 61439	
EC/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 b observed.
10.12 Electromagnetic compatibility	Is the panel builder's responsibility. The specifications for the switchgear must be observed.

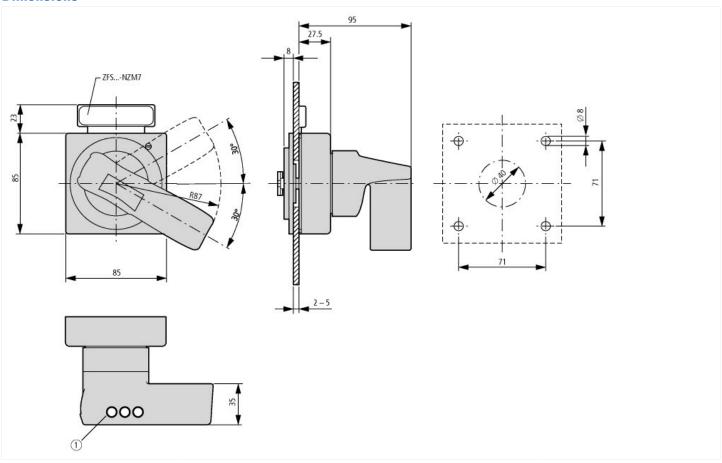
Technical data ETIM 7.0

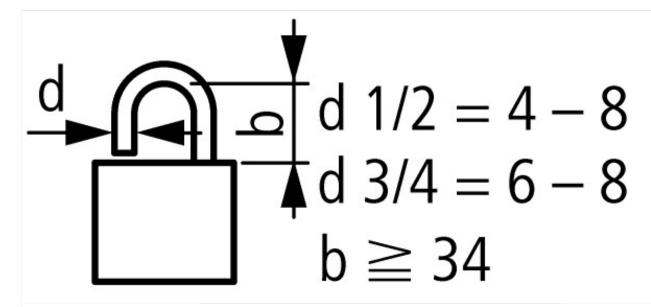
Low-voltage industrial components (EG000017) / Handle for power circuit breaker (EC000229)		
Electric engineering, automation, process control engineering / Low-voltage switch technology / Circuit breaker (LV < 1 kV) / Handle for switch devices (ecl@ss10.0.1-27-37-04-14 [AKF012014])		
Lockable	Yes	
Colour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

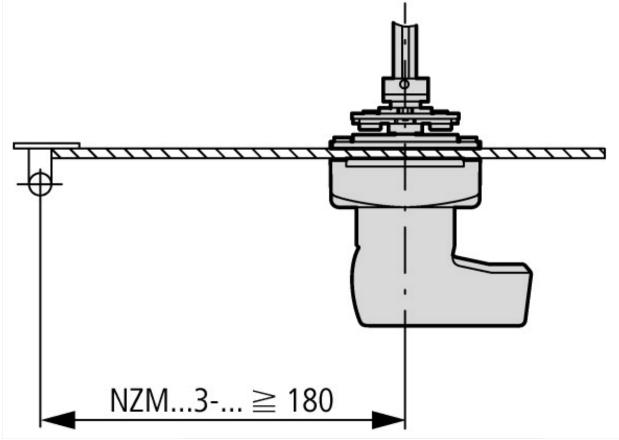
Approvals

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.
Degree of Protection	IEC: IP66, UL/CSA Type 4X, 12

Dimensions







Minimum door coupling rotary handle clearance from door pivot point

Additional product information (links)

IL01222001Z (AWA1230-2124) Door coupling rotary handle (short)

IL01222001Z (AWA1230-2124) Door coupling rotary handle (short)

ftp://ftp.moeller.net/DOCUMENTATION/AWA_INSTRUCTIONS/IL01222001Z2019_10.pdf