DATASHEET - NZM1-XTVDV-NA



Door coupling rotary handle, black, lockable on the handle+switch, size



Part no. NZM1-XTVDV-NA Catalog No. 100683

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Product range	Accessories
Accessories	Door coupling rotary handle
Standard/Approval	UL/CSA, IEC
Construction size	NZM1
Description	Door coupling rotary handle for operating the switch through a closed control panel door
Function	Standard, black/grey
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 Can be modified such that it can be defeated from the outside using a screwdriver
Project planning information	Complete including rotary drive and coupling parts Extension shaft additionally required. Cannot be combined with mechanical interlock External warning plate/designation label can be clipped on.
For use with	NZM1, N(S)1
lockable	double

Design verification as per IEC/EN 61439

10.22 Strength of materials and parts 10.22 Corrosion resistance 10.2.3.1 Verification of thermal stability of enclosures 10.2.3.2 Verification of resistance of insulating materials to normal heat 10.2.3.2 Verification of resistance of insulating materials to abnormal heat 10.2.3.3 Verification of resistance of insulating materials to abnormal heat and fire due to internal electric effects 10.2.4 Resistance to ultra-violet (UV) radiation 10.2.5 Lifting 10.2.6 Mechanical impact 10.2.6 Mechanical impact 10.2.7 Inscriptions 10.3.0 Degree of protection of ASSEMBLIES 10.4 Clearances and creepage distances 10.5 Protection against electric shock 10.6 Incorporation of switching devices and components 10.7 Internal electrical circuits and connections 10.8 Connections for external conductors 10.9 Insulation properties 10.9.1 Power-frequency electric strength 10.9.2 Power-frequency electric strength 10.9.3 Impulse withstand voltage 10.9.4 Testing of enclosures made of insulating material 10.10 Temperature rise 10.11 Short-circuit rating 10.11 Short-circuit rating 10.12 Strength of materials and parts Meets the product standard's requirements. Meets the product standard's requirements. Meets the product standard's requirements. Does not apply, since the entire switchgear needs to be evaluated. Does not apply, since the entire switchgear needs to be evaluated. Does not apply, since the entire switchgear needs to be evaluated. Is the panel builder's responsibility. 10.9.1 Insulation properties 10.9.2 Power-frequency electric strength 10.9.4 Testing of enclosures made of insulating material 10.10 Temperature rise 10.10 Temperature rise 10.11 Short-circuit rating	Design verification as per IEC/EN 61439	
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	10.13 Mechanical function	

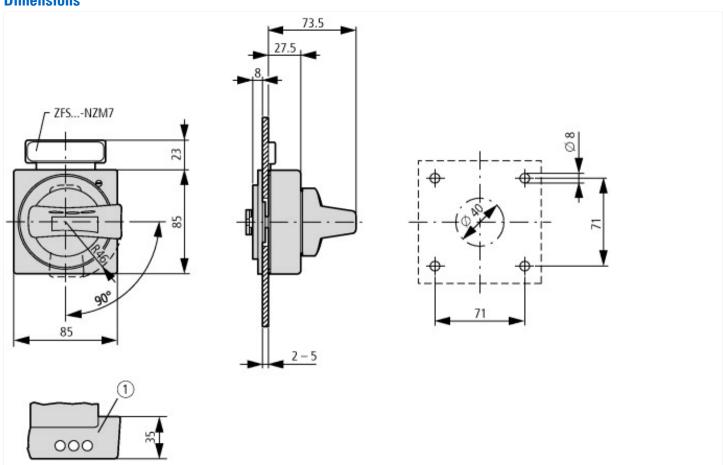
Technical data ETIM 7.0

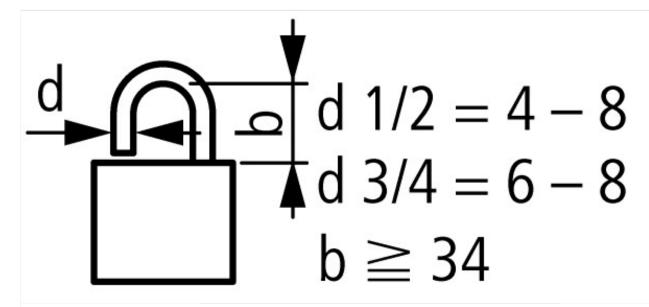
Low-voltage industrial components (EG000017) / Handle for power circuit breaker (EC000229)				
Electric engineering, automation, process control engineering / Low-voltage switch technology / Circuit breaker (LV < 1 kV) / Handle for switch devices (ecl@ss10.0.1-27-37-04-14 [AKF012014])				
Lockable	Yes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

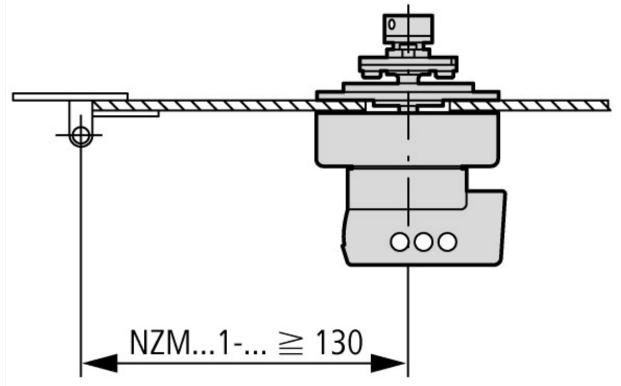
Approvals

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)

IL01203005Z (AWA1230-1998) Door coupling rotary handle

IL01203005Z (AWA1230-1998) Door coupling rotary handle

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