DATASHEET - NZM1-XDVR



Rotary handle, red-yellow, lockable, size 1

Part no. NZM1-XDVR
Catalog No. 260135

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 switch 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)

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.
10.2.3.3 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

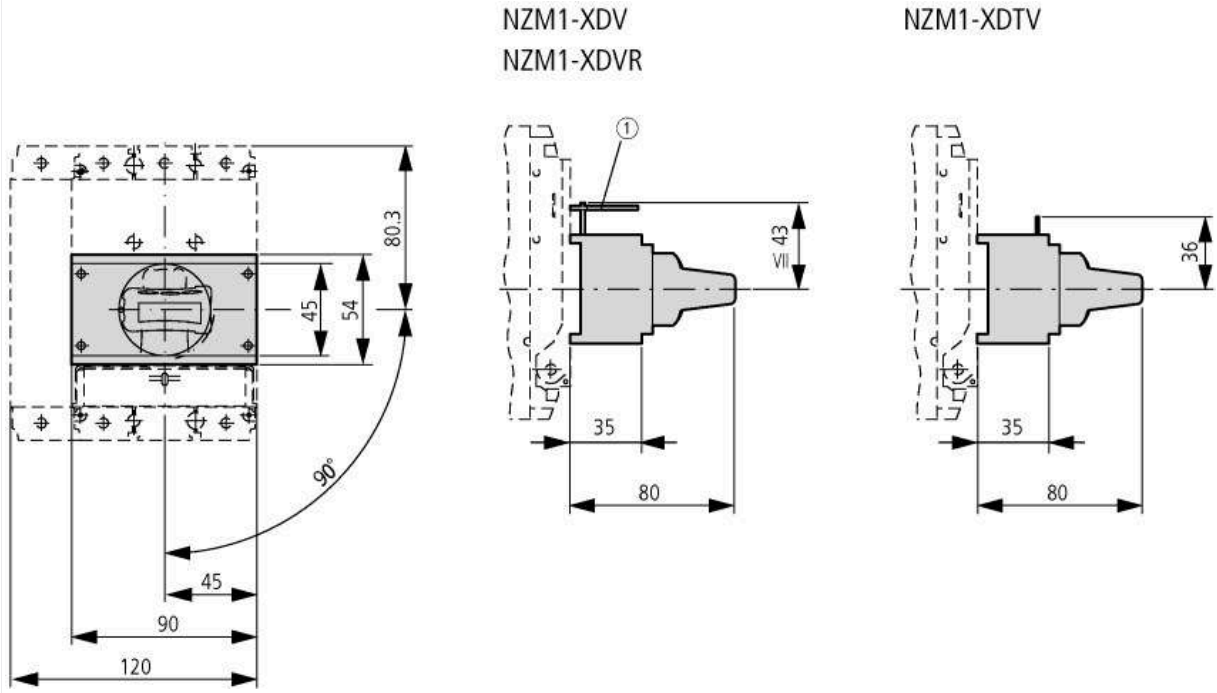
Low-voltage industrial components (EG000017) / Handle for power circuit breaker (EC000229)

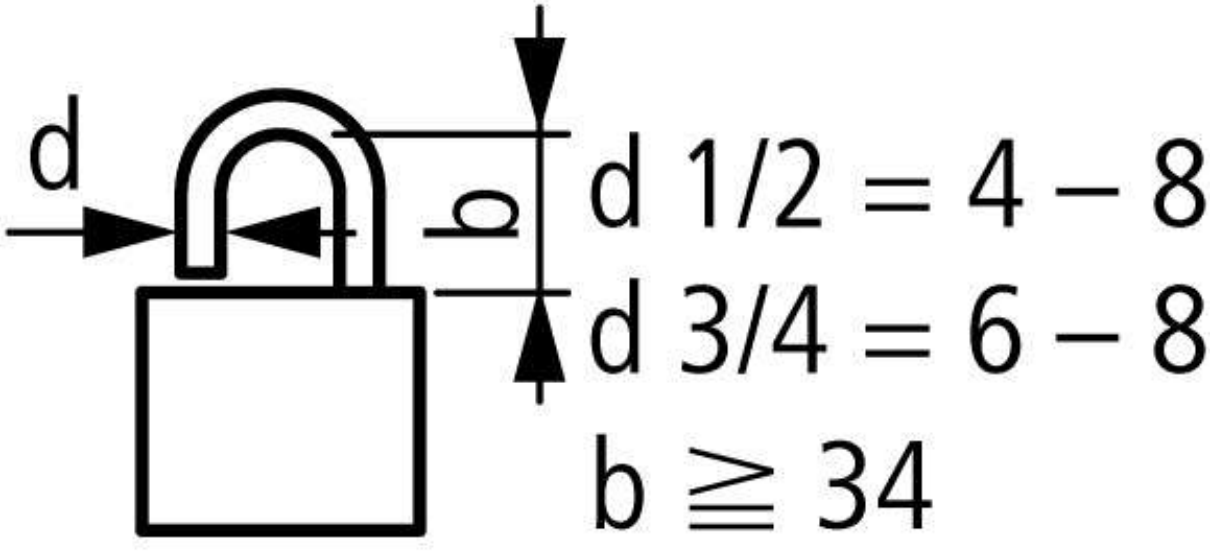
Electric engineering, automation, process control engineering / Low-voltage switch technology / Circuit breaker (LV < 1 kV) / Handle for switch devices (ecl@ss10.0.1-27-37-04-14 [AKF012014])	
Lockable	Yes
Colour	Red
Suitable for emergency stop	Yes
With extension shaft	No
Suitable for power circuit breaker	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
Degree of Protection	IEC: IP20

Dimensions





Additional product information (links)

IL01203003Z (AWA1230-1900) Rotary drive

IL01203003Z (AWA1230-1900) Rotary drive	https://es-assets.eaton.com/DOCUMENTATION/AWA_INSTRUCTIONS/IL01203003Z2013_06.pdf
IL01203003Z (AWA1230-1900) Rotary drive	https://es-assets.eaton.com/DOCUMENTATION/AWA_INSTRUCTIONS/IL01203003Z2021_01.pdf

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