### **DATASHEET - NZM1-XRAV**



Drive, on rear, 3p, lockable

Part no. NZM1-XRAV Catalog No. 107245



**Delivery program** 

Product range	Accessories
Accessories	On rear drive
Standard/Approval	UL/CSA, IEC
Construction size	NZM1
Description	For direct rear connection of the switch to the side of the control panel or control panel door. Switch actuation on rear through side plate or control panel door. For switch with toggle lever
Protection class	IP66, UL/CSA Type 4X, Typ12
For use with	NZM1, N1, NS1, PN1
Locking facility	lockable on the 0 position on the handle using up to 3 padlocks

#### Notes

Clip-in external warning plate.

Not together with plug-in units or remote operator.

Not together with auxiliary contact/voltage release with terminal block on left switch side

### **Design 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 observed.
10.12 Electromagnetic compatibility	Is the panel builder's responsibility. The specifications for the switchgear must 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)

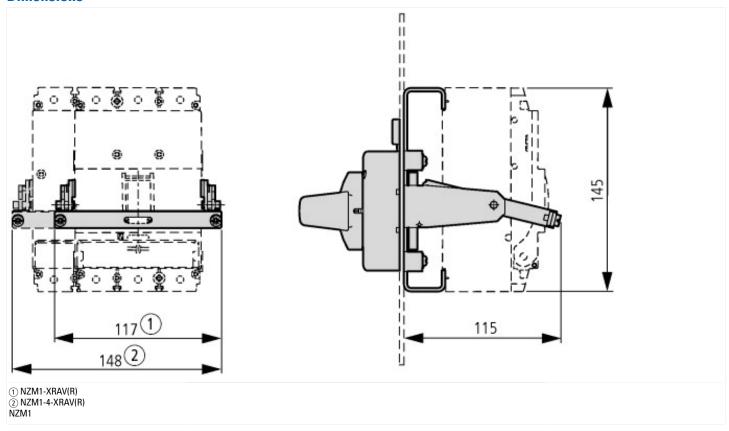
 $Electric \ engineering, \ automation, \ process \ control \ engineering \ / \ Low-voltage \ switch \ technology \ / \ Circuit \ breaker \ (LV < 1\ kV) \ / \ Handle \ for \ switch \ devices \ (ecl@ss10.0.1-27-37-04-14\ [AKF012014])$ 

Lockable	Yes
Colour	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
Degree of Protection	IEC: IP66, UL/CSA Type 4X, 12

### **Dimensions**



## **Additional product information (links)**

IL01219037Z (AWA1230-2369) NZM1, NZM2 Rear drive

IL01219037Z (AWA1230-2369) NZM1, NZM2 Rear drive

https://es-assets.eaton.com/DOCUMENTATION/AWA\_INSTRUCTIONS/IL01219037Z2015\_09.pdf