



**Main switch assembly kit, +additional handle red, size 4**

**Part no.** NZM4-XHB-DAR  
**Catalog No.** 119003

**Delivery program**

Equipment supplied			Door coupling rotary handle with rotary drive Add-on rotary handle on switch with "Deliberate Action" operation as per NFPA79 and UL508A Part 2 Extension shaft NZM...-XV6 for mounting depth 600 mm External warning plate/marketing plate in German/English Black and yellow lightning symbol
Product range			Accessories
Accessories			Main switch assembly kit
Standard/Approval			UL/CSA, IEC
Construction size			NZM4
Description			Kit for use as a main switch
Function			With red door coupling rotary handle for use of switch as emergency switching off device
Protection class			IP66 UL/CSA Type 4X, Type 12
Locking facility			lockable on the 0 position on the handle using up to 3 padlocks can also be modified in I position With door interlock lockable on the switch in the 0 position
Door interlock			Door interlock on OFF with max. 3 padlocks After the door interlock is activated, must not be opened while on ON or TRIP. Must only be opened on OFF Can be modified such that it can be defeated from the outside using a screwdriver Not defeated in the locked OFF position.
Project planning information			External warning plate/designation label can be clipped on. For enhanced busbar tag shroud on the incomer side, please order IP2X protection against contact with a finger.
For use with			NZM4(-4) PN4(-4), N(S)4(-4)

**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 (ec1@ss10.0.1-27-37-04-14 [AKF012014])

Lockable		Yes
Colour		Red
Suitable for emergency stop		Yes
With extension shaft		Yes
Suitable for power circuit breaker		Yes
Suitable for switch disconnecter		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		Designed as operating handle for Supply Circuit Disconnecting Means. UL 508A, NFPA 79, Industrial Machinery.
Degree of Protection		IEC: IP66, UL/CSA Type 4X, 12

## Dimensions

