

Main switch assembly kit, handle red, size 1

Part no. NZM1-XHBR
Article no. 266632

Powering Business Worldwide

Delivery programme

Equipment supplied	Door coupling rotary handle with rotary drive NZM...-XV4 extension shaft External warning plate/marking plate in German/English Black and yellow lightning symbol
Accessories	Main switch assembly kit
Product range	Accessories
Standard/Approval	UL/CSA, IEC
Construction size	NZM1
Description	Kit for use as a main switch
Function	With red door coupling rotary handle for use of switch as emergency switching off device to IEC/EN 60204-1, VDE 0113 part 1
Protection class	IP66 UL/CSA Type 4X, Type 12
Locking facility	lockable on the 0 position on the switch using up to 3 padlocks
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. Can only be switched ON when the door is closed
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	NZM1(-4) PN1(-4), N(S)1(-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.

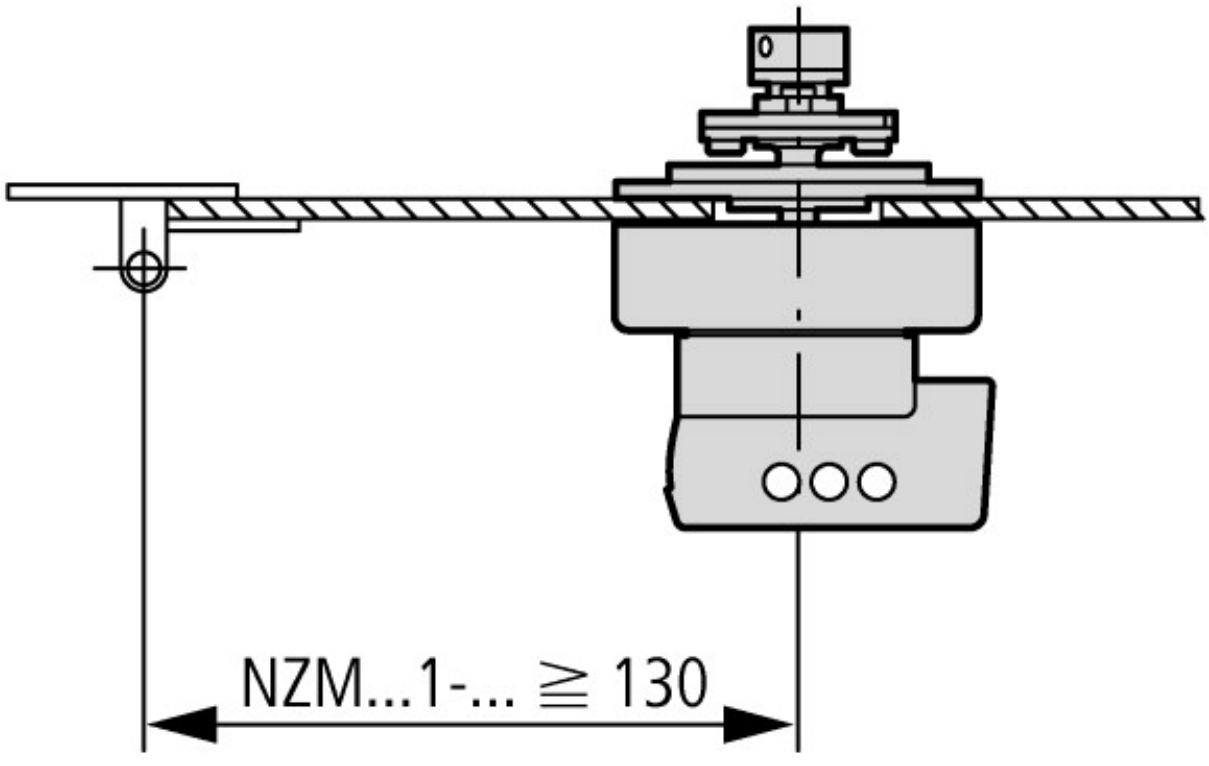
Technical data ETIM 6.0

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@ss8.1-27-37-04-14 [AKF012011])	
Lockable	Yes
Colour	Red
Suitable for emergency stop	Yes
With axe	Yes
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



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/IL01203005Z2014_07.pdf
IL01219050Z (AWA1230-2055) Main switch assembly kit	
IL01219050Z (AWA1230-2055) Main switch assembly kit	ftp://ftp.moeller.net/DOCUMENTATION/AWA_INSTRUCTIONS/IL01219050Z2011_02.pdf

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