DATASHEET - NZM1-XHB-DA-V6

Main switch assembly kit, handle black, +additional handle, shaft 600mm

Part no. **NZM1-XHB-DA-V6**
144905

General specifications

Product name	Eaton Moeller series NZM operating element
Part no.	NZM1-XHB-DA-V6
EAN	4015081414154
Product Length/Depth	580 millimetre
Product height	100 millimetre
Product width	140 millimetre
Product weight	0.795 kilogram
Compliances	IEC UL/CSA RoHS conform
Product Tradename	NZM
Product Type	Accessories
Product Sub Type	Operating element

Delivery program

Type	Accessory Main switch assembly kit
Features	Lockable With black door coupling rotary handle
Special features	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. Kit for use as a main switch
Frame	NZM1
Fitted with:	Add-on rotary handle on switch with "Deliberate Action" operation as per NFPA79 and UL508A Part 2 Door coupling rotary handle with rotary drive Extension shaft NZM…-XV6 for mounting depth 600 mm External warning plate/marking plate in German/English Black and yellow lightning symbol Extension shaft Padlock
Suitable for	Power circuit breaker Switch disconnector
Used with	NZM1(-4) PN1(-4) N(S)1(-4)

Technical Data - Mechanical

Color	Black
Cover/door type	Door interlock on OFF with max. 3 padlocks Door interlock not defeated in the locked OFF position. Door interlock can be modified such that it can be defeated from the outside using a screwdriver After the door interlock is activated, must not be opened while on ON or TRIP. Must only be opened on OFF
Degree of protection / NEMA enclosure type	IP66 4X. 12
Locking facility	Lockable on the 0 position on the switch using up to 3 padlocks
Special features	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. Kit for use as a main switch

Design verification as per IEC/EN 61439

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 Resist. of insul. mat. to abnormal heat/fire by internal elect. 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.
10.9.2 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 9.0

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@ss13-27-37-04-14 [AKF012019])		
With restart blockage		No
With key lock		No
Padlock locking		Yes
Colour		Black
Suitable for emergency stop		No
With extension shaft		Yes
Suitable for power circuit breaker		Yes
Suitable for switch disconnector		Yes
Degree of protection (NEMA)		4X, 12

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