DATASHEET - NZM1-XHB-DAR-V6

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

Part no. **NZM1-XHB-DAR-V6**
144907

General specifications

Product name	Eaton Moeller series NZM operating element
Part no.	NZM1-XHB-DAR-V6
EAN	4015081414178
Product Length/Depth	380 millimetre
Product height	100 millimetre
Product width	140 millimetre
Product weight	0.795 kilogram
Compliances	UL/CSA IEC RoHS conform
Product Tradename	NZM
Product Type	Accessories
Product Sub Type	Operating element

Delivery program

Type	Accessory Main switch assembly kit
Features	Lockable With red door coupling rotary handle for use of switch as emergency switching off device
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:	Black and yellow lightning symbol 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/marking plate in German/English Padlock
Suitable for	Switch disconnector Power circuit breaker Emergency stop
Used with	N(S)1(-4) NZM1(-4) PN1(-4)

Technical Data - Mechanical

Color	Red
Cover/door type	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 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
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	Red
Suitable for emergency stop	Yes
With extension shaft	No
Suitable for power circuit breaker	Yes
Suitable for switch disconnector	Yes
Degree of protection (NEMA)	4X, 12

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