



Main switch assembly kit, right, frame size 1

Part no. **NZM1-XSM-R**
266665

General specifications		
Product name		Eaton Moeller series NZM operating element
Part no.		NZM1-XSM-R
EAN		4015082666651
Product Length/Depth		190 millimetre
Product height		180 millimetre
Product width		145 millimetre
Product weight		1.541 kilogram
Compliances		RoHS conform UL/CSA IEC
Certifications		UL listed UL (File No. E140305) IEC60947 CE marking CSA (Class No. 1437-01) CSA certified UL489 UL (Category Control Number DIHS) CSA-C22.2 No. 5-09 CSA (File No. 22086)
Product Tradename		NZM
Product Type		Accessories
Product Sub Type		Operating element
Delivery program		
Type		Accessory Main switch assembly kit for side panel mounting
Features		For direct mounting of circuit-breaker and handle in the side wall of the control cabinet Lockable Standard: black / gray
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:		Padlock Extension shaft Mounting brackets External warning plate/markings plate in German/English Black and yellow lightning symbol Door coupling rotary handle Special short extension shaft
Suitable for		Power circuit breaker Switch disconnecter
Used with		PN1(-4) N(S)1(-4) NZM1(-4)
Technical Data - Mechanical		
Color		Black
Cover/door type		Narrowest minimum clearance between enclosure side plates of control panel and circuit breaker is defined by mounting bracket. Door interlock lockable in 0 position on handle Door interlock can also be modified in I position Door interlock extension cannot be used.
Degree of protection / NEMA enclosure type		4X, 12 IP66
Activation type		Actuation on the right
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 disconnecter		Yes
Degree of protection (NEMA)		4X, 12