

Remote operator, 208-240VAC, for size 4



**Part no.** NZM4-XR208-240AC  
**266685**  
**EL Number** 4358968  
**(Norway)**

General specifications	
Product name	Eaton Moeller series NZM remote operator
Part no.	NZM4-XR208-240AC
EAN	4015082666859
Product Length/Depth	189 millimetre
Product height	202 millimetre
Product width	210 millimetre
Product weight	6.1 kilogram
Compliances	UL/CSA IEC RoHS conform
Certifications	UL (Category Control Number DIHS) CE marking IEC60947 CSA (File No. 22086) UL489 CSA (Class No. 1437-01) UL (File No. E140305) CSA-C22.2 No. 5-09 CSA certified UL listed
Product Tradename	NZM
Product Type	Accessories
Product Sub Type	Remote operator
Delivery program	
Type	Accessory Remote operator, can be synchronized
Number of poles	Three-pole/Four-pole
Special features	Cannot be combined with switch-disconnector PN... Do not install M22-CK11(20/02) dual auxiliary contacts in the right-hand side auxiliary contact slot in NZM4-XR
Frame	NZM4
Used with	N(S)4(-4) NZM4(-4)
Technical Data - Electrical	
Voltage type	AC
Voltage rating	208 - 240 V 50/60 Hz
Operating voltage - min	0.85 x Us
Operating voltage - max	1.1 x Us
Rated control supply voltage (Us) at AC, 50 Hz - min	208 V
Rated control supply voltage (Us) at AC, 50 Hz - max	240 V
Rated control supply voltage (Us) at AC, 60 Hz - min	208 V
Rated control supply voltage (Us) at AC, 60 Hz - max	240 V
Rated control supply voltage (Us) at DC - min	0 V
Rated control supply voltage (Us) at DC - max	0 V
Voltage tolerance - min	0.85
Voltage tolerance - max	1.1
Rated operating frequency	50 Hz
Power consumption	350 VA (110 - 130 V AC)
Closing delay	100 ms
Breaking time	3000 ms
Number of operations per hour - max	20
Signal duration of remote operator at switch off - min	500 ms
Signal duration of remote operator at switch on - min	30 ms

Technical Data - Mechanical		
Switch drive type		Motor drive
Special features		Cannot be combined with switch-disconnector PN... Do not install M22-CK11(20/02) dual auxiliary contacts in the right-hand side auxiliary contact slot in NZM4-XR
Lifespan, mechanical		10000 operations
Technical Data - Mechanical - Terminals		
Terminal capacity (solid/flexible conductor)		0.75 mm <sup>2</sup> - 2.5 mm <sup>2</sup> with ferrule 18 - 14 AWG
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) / Motor operator for power circuit-breaker (EC001030)		
Electric engineering, automation, process control engineering / Low-voltage switch technology / Circuit breaker (LV < 1 kV) / Electrical drive for circuit breakers (ec1@ss13-27-37-04-12 [AKF010018])		
Type of switch drive		Motor drive
Rated control supply voltage AC 50 Hz	V	208 - 240
Rated control supply voltage AC 60 Hz	V	208 - 240
Rated control supply voltage DC	V	0 - 0
Voltage type for actuating		AC