



Remote operator, synchronized

Part no. NZM4-XR208-240AC
Article no. 266685



Powering Business Worldwide™

For remote switching of circuit-breakers and switch-disconnectors.

ON and OFF switching and resetting by means of two-wire and three-wire control.

Local switching by hand possible.

Lockable in the 0 position of the remote operator with up to 3 padlocks (hasp thickness: 4 – 8 mm)

Delivery programme

Product range		Accessories
Accessories		Remote operator, can be synchronized
Rated operating frequency		AC 50/60 Hz
Standard/Approval		UL/CSA, IEC
Construction size		NZM4
Description		<p>For remote switching of circuit-breakers and switch-disconnectors.</p> <p>ON and OFF switching and resetting by means of two-wire or three-wire control.</p> <p>Local switching by hand possible.</p> <p>Lockable in the 0 position of the remote operator with up to 3 padlocks (hasp thickness: 4 – 8 mm)</p> <p>Can be synchronized</p> <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>Three-wire control (pulse contact)</p> </div> <div style="width: 45%;"> <p>Please note during engineering: Terminal 70/71: NZM-XR: Contact loading according to technical data NZM2-XRD: Full current flows though the contact during make and break! RMQ series contact elements can be used for the NZM2(3,4)-XR(D)...remote operators.</p> </div> </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div style="width: 45%;"> <p>Two-wire control (continuous contact)</p> </div> <div style="width: 45%;"> <p>Terminal 75: NZM-XR: Operational readiness signal when cover closed and not locked. NZM2-XRD: Operational readiness signal when sliding switch set to Auto. Sliding switch with three positions: Manual/Auto/Locked for reliable differentiation of connected positions. AC-15: 400 V; 2 A DC-13: 220 V; 0.2 A</p> </div> </div> <div style="margin-top: 10px;"> <p>Three-wire control with automatic reset to the 0 position after the switch has tripped</p> </div> <div style="margin-top: 10px;"> <p>Switching cycle:</p> <p>NZM2-XR: $\begin{matrix} 60\text{ms} \\ \text{OFF} \end{matrix} \rightarrow \begin{matrix} \text{ON} \\ \text{OFF} \end{matrix} \rightarrow \begin{matrix} \text{OFF} \\ \text{ON} \end{matrix} \rightarrow \begin{matrix} \text{ON} \\ \text{OFF} \end{matrix}$ (t > 3s)</p> <p>NZM3-XR: $\begin{matrix} 80\text{ms} \\ \text{OFF} \end{matrix} \rightarrow \begin{matrix} \text{ON} \\ \text{OFF} \end{matrix} \rightarrow \begin{matrix} \text{OFF} \\ \text{ON} \end{matrix} \rightarrow \begin{matrix} \text{ON} \\ \text{OFF} \end{matrix}$ (t > 3s)</p> <p>NZM4-XR: $\begin{matrix} 100\text{ms} \\ \text{OFF} \end{matrix} \rightarrow \begin{matrix} \text{ON} \\ \text{OFF} \end{matrix} \rightarrow \begin{matrix} \text{OFF} \\ \text{ON} \end{matrix} \rightarrow \begin{matrix} \text{ON} \\ \text{OFF} \end{matrix}$ (t > 3s)</p> <p>The time interval between OFF and ON is 3 seconds. On commands received during the time interval are ignored within the first 3 seconds after switch off.</p> </div>

Closing delay		ms	60 – 100
Break time		ms	300 – 3000
Rated control voltage	U_s	V	208 - 240 V 50/60 Hz
Number of poles			3/4 pole
For use with			NZM4(-4) N(S)4(-4)
Project planning information			Cannot be combined with mechanical interlock
Engineering information (sheet catalog)			2/3-wire control and circuit diagrams

Approvals

Product Standards
UL File No.
UL CCN
CSA File No.
CSA Class No.
NA Certification

UL489; CSA-C22.2 No. 5-09; IEC60947, CE marking
E140305
DIHS
022086
1437-01
UL listed, CSA certified

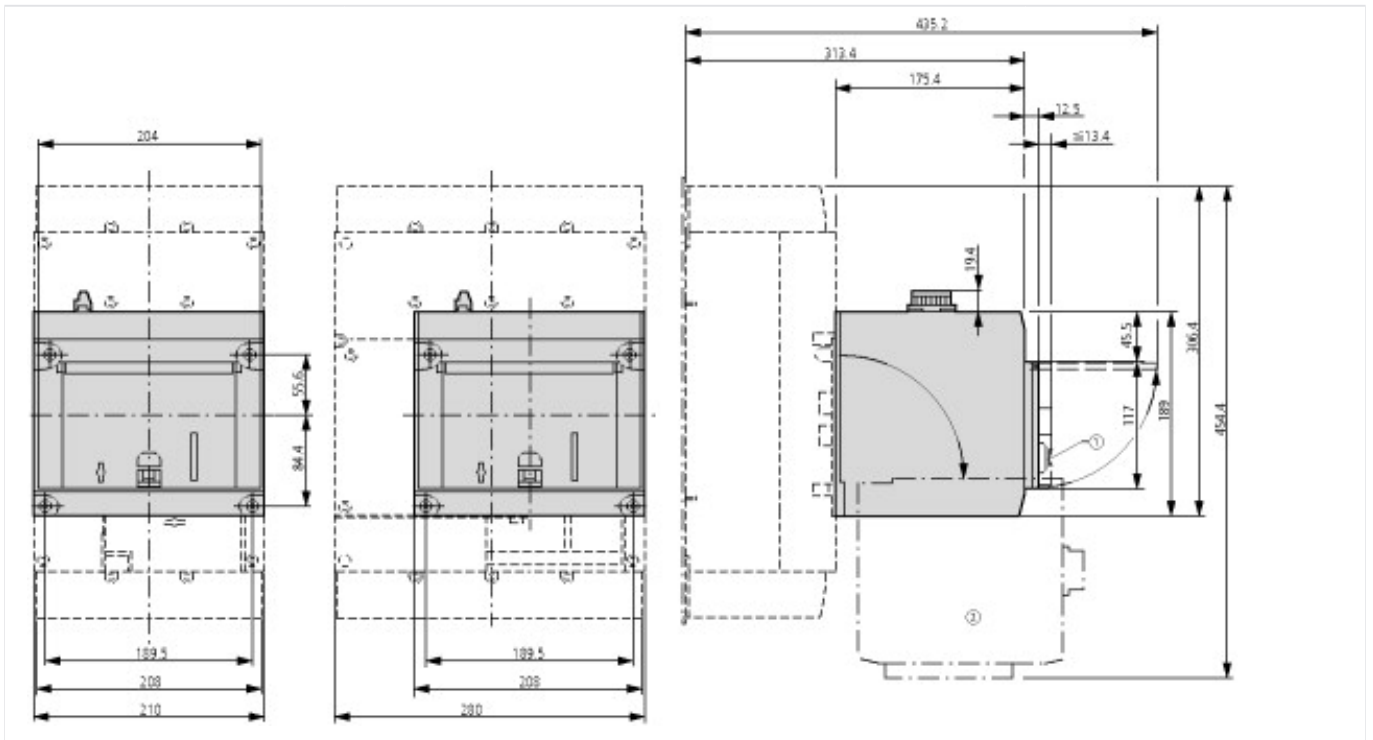
Remote operator

Rated control voltage	U_s	V	
AC	U_s	V AC	110 - 440
DC	U_s	V DC	24 - 250
Operating range			
AC		$x U_s$	0.85 - 1.1
DC		$x U_s$	0.85 - 1.1
Current heat loss per pole at I_u	P	kWh	
AC			
110 V ... 130 V AC		VA	350
208 V ... 240 V AC		VA	350
380 V ... 440 V AC		VA	350
DC		$x U_s$	
24 V ... 30 V DC		W	250
110 V ... 130 V DC		W	250
220 V ... 250 V DC		W	250
Minimum signal duration			
with switch on		ms	30
with switch off		ms	500
Lifespan, mechanical	Operations		10000
Maximum operating frequency		Ops/ h	
Max. operating frequency		Ops/ h	20
Terminal capacities		mm ²	
Solid or flexible conductor with ferrule		mm ²	0.75 ... 2.5
		AWG	18 ... 14

Technical data ETIM 4.0

Rated control voltage U_s at AC 50 Hz		V	240
Rated control voltage U_s at AC 60 Hz		V	240
Rated control voltage U_s at DC		V	0
Design of contact module			Motor operator
Voltage type for actuation			AC

Dimensions



Additional product information (links)

IL01210006Z (AWA1230-2038) NZM4 Remote operator

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Remote operator

ftp://ftp.moeller.net/DOCUMENTATION/AWA_INSTRUCTIONS/IL01210006Z2012_04.pdf

<http://ecat.moeller.net/flip-cat/?edition=HPLEN&startpage=17.153>