Select your language

- German
- English
- Spanish
- French
- Dutch
- Italian
- Polish
- Czech
- Russian
- Norwegian Bokmål

Worldwide English

NZM4-XR208-240AC - Remote operator, 208-240VAC, for size 4

266685 NZM4-XR208-240AC

Overview Specifications Resources

266685 NZM4-XR208-240AC

Remote operator, 208-240VAC, for size 4

EL-Nummer (Norway) 4358968

Optional accessories for the circuit-breaker series NZM offers a comprehensive portfolio of application options for use world wide. The mounting is always flexible and easy thanks to the modular function groups. Notes: for remote switching of circuit-breakers and switch-disconnectors. ON and OFF switching and resetting by means of two-wire or three-wire control. Local switching by hand possible. lockable in the 0 position of the remote operator with up to 3 padlocks (hasp thickness: 4–8mm). Can be synchronized. Cannot be combined with mechanical interlock. Can be used for: NZM4(-4), N(NA)4(-4)

- Delivery program
- Technical data
- Design verification as per IEC/EN 61439
- Technical data ETIM 7.0
- Approvals
- Dimensions

Delivery program

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

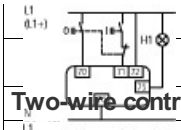
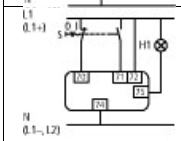
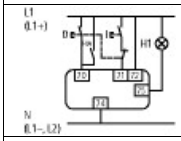
ON and OFF switching and resetting by means of two-wire or three-wire control.

Local switching by hand possible.

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

Can be synchronized

	Please note during engineering:
Three-wire control	**Terminal 70/71:**
	NZM-XR: Contact loading according to technical data
	NZM2-XRD: Full current flows through the contact during make and break!
	RMQ series contact elements can be used for the NZM2(3.4)-XR(D)...remote operators.

	
Two-wire control	**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
Three-wire control with automatic reset to the 0 position after the switch has tripped	
	
Switching cycle:	
NZM2-XR 	
NZM3-XR 	
NZM4-XR 	
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.	
Parallel remote operator connection	
	

Closing delay
100 ms
Break time
3000 ms
Rated control voltage [U_s]
208 - 240 V 50/60 Hz V
Number of poles
3/4 pole
For use with
NZM4(-4)
N(S)4(-4)
Project planning information
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
Engineering information (sheet catalog)
2/3-wire control and circuit diagrams

Technical data

Remote operator
Rated control voltage [U_s]AC [U_s]
208-240 V AC
Operating rangeAC
0.85 - 1.1 x U_s
Operating rangeDC
0.85 - 1.1 x U_s
Motor ratingAC 110 V … 130 V AC [S]
350 VA
Minimum signal duration with switch on
30 ms
Minimum signal duration with switch off
500 ms
Lifespan, mechanical [Operations]
10000
Maximum operating frequencyMax. operating frequency
20 Ops/h
Terminal capacitiesSolid or flexible conductor, with ferrule
0,75 - 2,5 mm^2
Terminal capacities
18 … 14 AWG

Design verification as per IEC/EN 61439

IEC/EN 61439 design verification
10.2 Strength of materials and parts10.2.2 Corrosion resistance
Meets the product standard's requirements.
10.2 Strength of materials and parts10.2.3.1 Verification of thermal stability of enclosures
Meets the product standard's requirements.
10.2 Strength of materials and parts10.2.3.2 Verification of resistance of insulating materials to normal heat
Meets the product standard's requirements.
10.2 Strength of materials and parts10.2.3.3 Verification of resistance of insulating materials to abnormal heat and fire due to internal electric effects
Meets the product standard's requirements.
10.2 Strength of materials and parts10.2.4 Resistance to ultra-violet (UV) radiation
Meets the product standard's requirements.
10.2 Strength of materials and parts10.2.5 Lifting
Does not apply, since the entire switchgear needs to be evaluated.
10.2 Strength of materials and parts10.2.6 Mechanical impact
Does not apply, since the entire switchgear needs to be evaluated.
10.2 Strength of materials and parts10.2.7 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 Insulation properties10.9.2 Power-frequency electric strength
Is the panel builder's responsibility.
10.9 Insulation properties10.9.3 Impulse withstand voltage
Is the panel builder's responsibility.
10.9 Insulation properties10.9.4 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 7.0

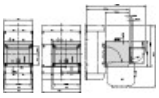
Low-voltage industrial components (EG000017) / Motor operator for power circuit-breaker (EC001030)
Electric engineering, automation, process control engineering / Low-voltage switch technology / Circuit breaker (LV < 1 kV) / Electrical drive for circuit breakers (ecl@ss10.0.1-27-37-04-12 [AKF010013])
Type of switch drive
Motor drive
Rated control supply voltage Us at AC 50HZ
208 - 240 V
Rated control supply voltage Us at AC 60HZ
208 - 240 V
Rated control supply voltage Us at DC
0 - 0 V
Voltage type for actuating
AC

Approvals

Product Standards
UL489; CSA-C22.2 No. 5-09; IEC60947, CE marking
UL File No.

E140305
UL Category Control No.
DIHS
CSA File No.
022086
CSA Class No.
1437-01
North America Certification
UL listed, CSA certified

Dimensions



CAD data

- Product-specific CAD data
  (Web)
- 3D Preview
  (Web)

DWG files

- DA-CD-nzm4_xr
  File
  (Web)

edz files

- DA-CE-ETN.NZM4-XR208-240AC
  File
  (Web)

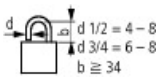
Step files

- DA-CS-nzm4_xr
  File
  (Web)

Additional product information

- 2/3-wire control and circuit diagrams
  (Web)

Dimensions single product

- 

  123X196
  Line drawing
  Padlock
- 
  123X465
  Line drawing
  Remote operator

Product photo

- 
  1230PIC-1414

Photo

Instruction Leaflet

- IL01210006Z
  Asset
  (PDF, Language independent)

Download-Center

- Download-Center (this item)
  Eaton EMEA Download-Center - download data for this item
- Download-Center
  Eaton EMEA Download-Center

Generate data sheet in PDF format

Generate data sheet in Excel format

Write a comment