#### **DATASHEET - NZM4-XKV110**



## Connection width extension, 3p, spacing 110mm

Powering Business Worldwide\*

Part no. NZM4-XKV110 Catalog No. 281593

EL-Nummer (Norway)

4358966

## **Delivery program**

Accessories			Connection width extension
Description			Five-hole fitting
Number of conductors			3 pole
Rated current	In	Α	1600
For use with			NZM4, N(S)4
Terminal capacities			
Type of conductor			
Cu/Al cable			Cu cable lugs
Terminal capacities			
flexible		mm <sup>2</sup>	4 x 300 6 x 95 - 240
AWG/kcmil		mm <sup>2</sup>	4 x 600 6 x 000 500
Terminal capacities			
Cu strip (number of segments x width x segment thickness)		mm <sup>2</sup>	min.10 x 50 x 1.0
Copper busbar width x thickness	Width	mm	max. (2 x) 80 x 10

#### Notes

Type contains parts for a terminal located at top or bottom for 3 or 4 pole switches.

Five-hole fitting, for up to nine cable lugs per phase, for example.

Can be fitted to circuit-breaker with screw connection.

Phase isolator included as standard.

Distance between pole centers 107.5 mm

Installation conditions for current transformer up to 135 mm width with 80 mm busbar width.

4 mm holes predrilled for control circuit terminal.

Includes hole for large NZM4-XKSAV cover.

# Design verification as per IEC/EN 61439

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IEC/EN 61439 design verification	
10.2 Strength of materials and parts	
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 Verification of resistance of insulating materials to abnormal heat and fire due to internal electric 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 Insulation properties	
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 7.0**

Low-voltage industrial components (EG000017) / Connection vane/phase spreader (EC002019)

Electric engineering, automation, process control engineering / Low-voltage switch technology / Component for low-voltage switching technology / Connection vane/phase spreader (ecl@ss10.0.1-27-37-13-05 [ACN990012])

Suitable for number of poles

# **Approvals**

Product Standards	UL489; CSA-C22.2 No. 5-09; IEC60947, CE marking
UL File No.	E31593
UL Category Control No.	DIHS
CSA File No.	022086
CSA Class No.	1432-01
North America Certification	UL listed, CSA certified
Suitable for	Refer to main component information

## **Dimensions**

