

Connection width extension, 3p, spacing 110mm

Part no. NZM4-XKV110
Article no. 281593

Delivery program

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

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 6.0

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@ss8.1-27-37-13-05 [ACN990009])

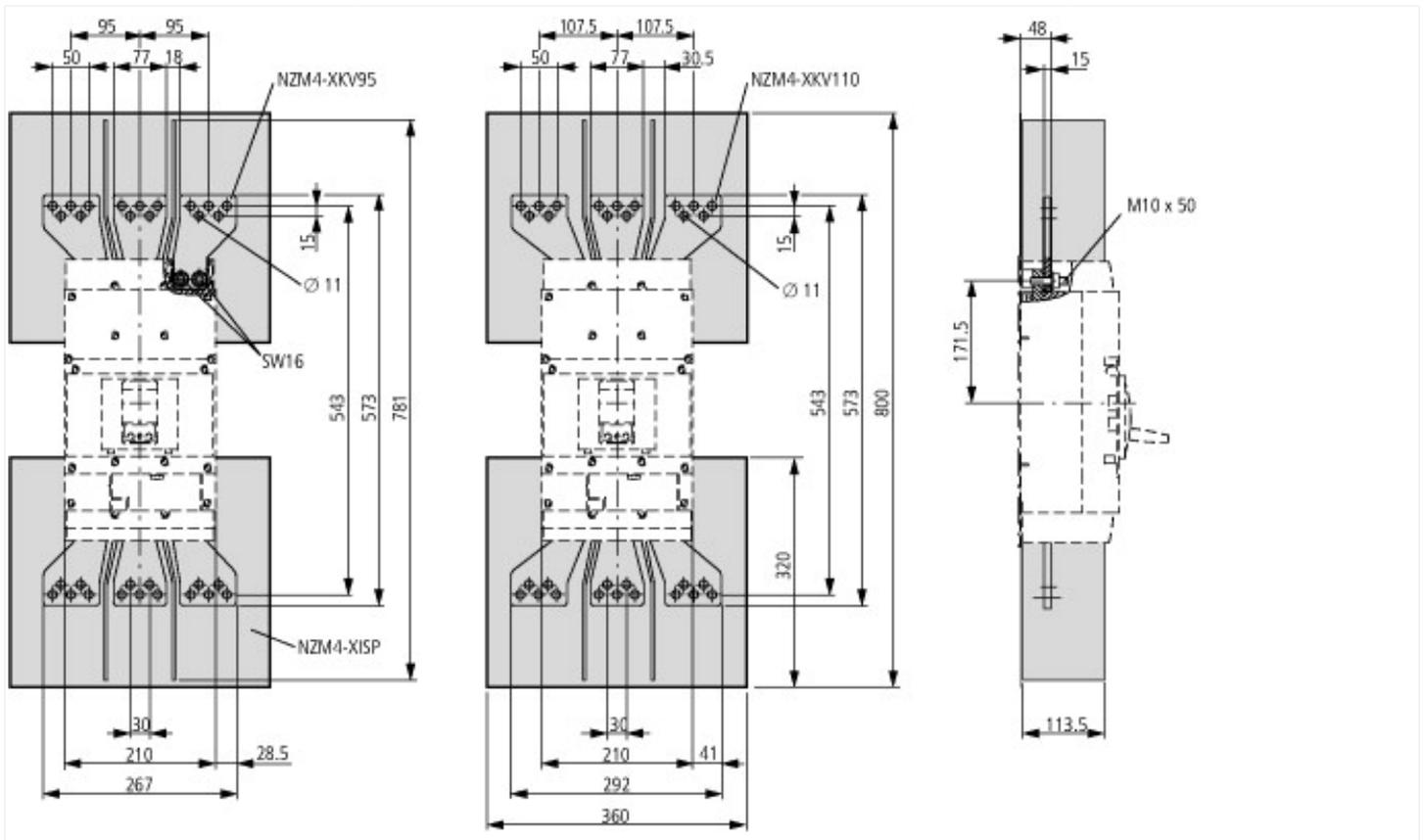
Suitable for number of poles

3

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



Additional product information (links)

IL01210014Z (AWA1230-2241) Connection extension for NZM4

IL01210014Z (AWA1230-2241) Connection extension for NZM4

ftp://ftp.moeller.net/DOCUMENTATION/AWA_INSTRUCTIONS/IL01210014Z2010_11.pdf