

Phase isolator 3p, size 4

Part no. NZM4-XKP
Article no. 281595

Powering Business Worldwide

Delivery programme

Number of conductors	3 pole
Accessories	Phase isolators
For use with	NZM4 N(S)4

Notes

Type contains parts for a terminal located at top or bottom for 3 or 4-pole circuit-breakers.

Included with the connection width extension.

Cannot be combined with the tunnel terminal NZM4(-4)-XKA, connection NZM4-XKR on rear.

Insulation protection where cable lugs, busbars, module plates or flat cable terminals are used.

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) / Phase separation plate for power circuit breaker (EC002035)

Electric engineering, automation, process control engineering / Low-voltage switch technology / Circuit breaker (LV < 1 kV) / Phase separation plate for circuit breaker (ecl@ss8.1-27-37-04-25 [ACN959008])

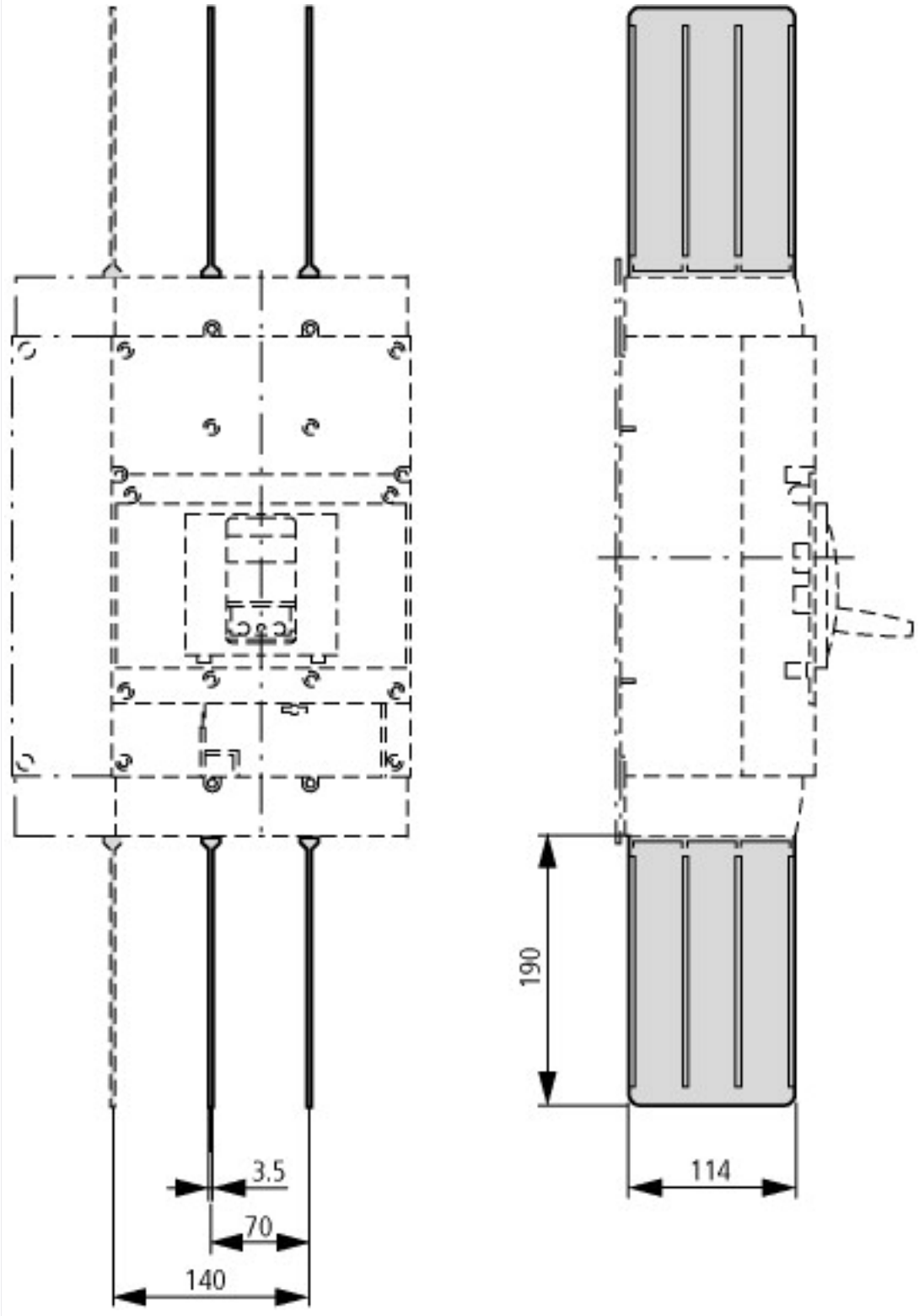
Model	-

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

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