

Screw connection, 4p, 1 switch side, size 1

Part no. NZM1-4-XKS
Article no. 266725

Powering Business Worldwide

Delivery program

Number of conductors			4 pole
Accessories			Screw connection
Rated current	I_n	A	160
For use with			NZM1-4, PN1-4, N(S)1-4
Terminal capacities			
Type of conductor			
Cu/Al cable			Copper cable lugs Aluminium cable lug
Terminal capacities			
flexible		mm^2	1 x 10 - 70 2 x 6 - 25 1 x 10 - 35 2 x 10 - 35
AWG/kcmil		mm^2	1 x 12 - 2/0
Terminal capacities			
Copper busbar width x thickness	Width	mm	12 x 5

Notes

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

Fitted outside the switch housing

Mounting of the cover NZM1(-4)-XKSA obligatory (supplied).

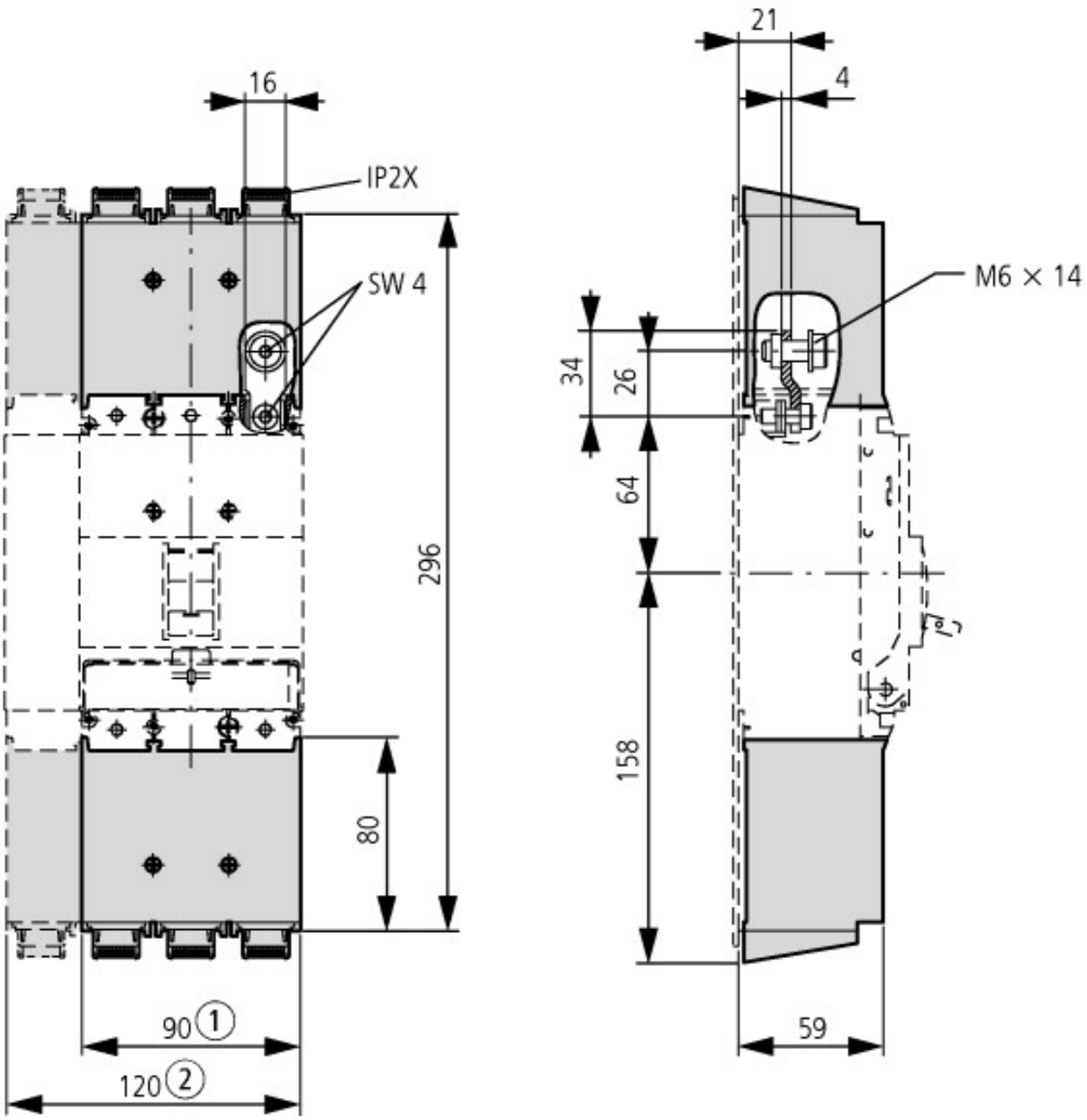
Design verification as per IEC/EN 61439

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) / Wiring set for power circuit breaker (EC002050)	
Electric engineering, automation, process control engineering / Low-voltage switch technology / Circuit breaker (LV < 1 kV) / Wiring set for circuit breaker (ecl@ss8.1-27-37-04-24 [ACN957008])	
Suitable for number of poles	4
Model	-

Dimensions



① 3 pole

② 4 pole

Additional product information (links)

IL01219013Z (AWA1230-2004) Connections and covers	
IL01219013Z (AWA1230-2004) Connections and covers	ftp://ftp.moeller.net/DOCUMENTATION/AWA_INSTRUCTIONS/IL01219013Z2016_04.pdf

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