DATASHEET - NZM4-XKA

Tunnel terminal, 3p, 1 switch side, size 4

Part no.	**NZM4-XKA**
Catalog No.	**266836**
EL-Nummer (Norway)	**0004358962**

Powering Business Worldwide™

Delivery program

Standard/Approval			UL/CSA, IEC
Number of conductors			3 pole
Accessories			Tunnel terminal
Rated current	I_n	A	≦ 1400
For use with			NZM4, N(S)4
Terminal capacities			
Type of conductor			
Cu/Al cable			Copper cable Al cable
Terminal capacities			
flexible		mm^2	1 x 50 - 240 4 x 50 - 240 1 x 50 - 240 4 x 50 - 240
AWG/kcmil		mm^2	1 x 0 - 500 4 x 0 - 500 1 x 0 - 500 4 x 0 - 500

Notes

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

A standard with control circuit terminal for 1 x 0.75 - 2.5 mm^2 (18 - 14 AWG) or 2 x 0.75 - 1.5 mm^2 (18 - 16 AWG) copper conductors.

Can be fitted to circuit-breaker with screw termination

Use with flexible and highly flexible conductors ferrules.

Mounting of the cover NZM4 (-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.

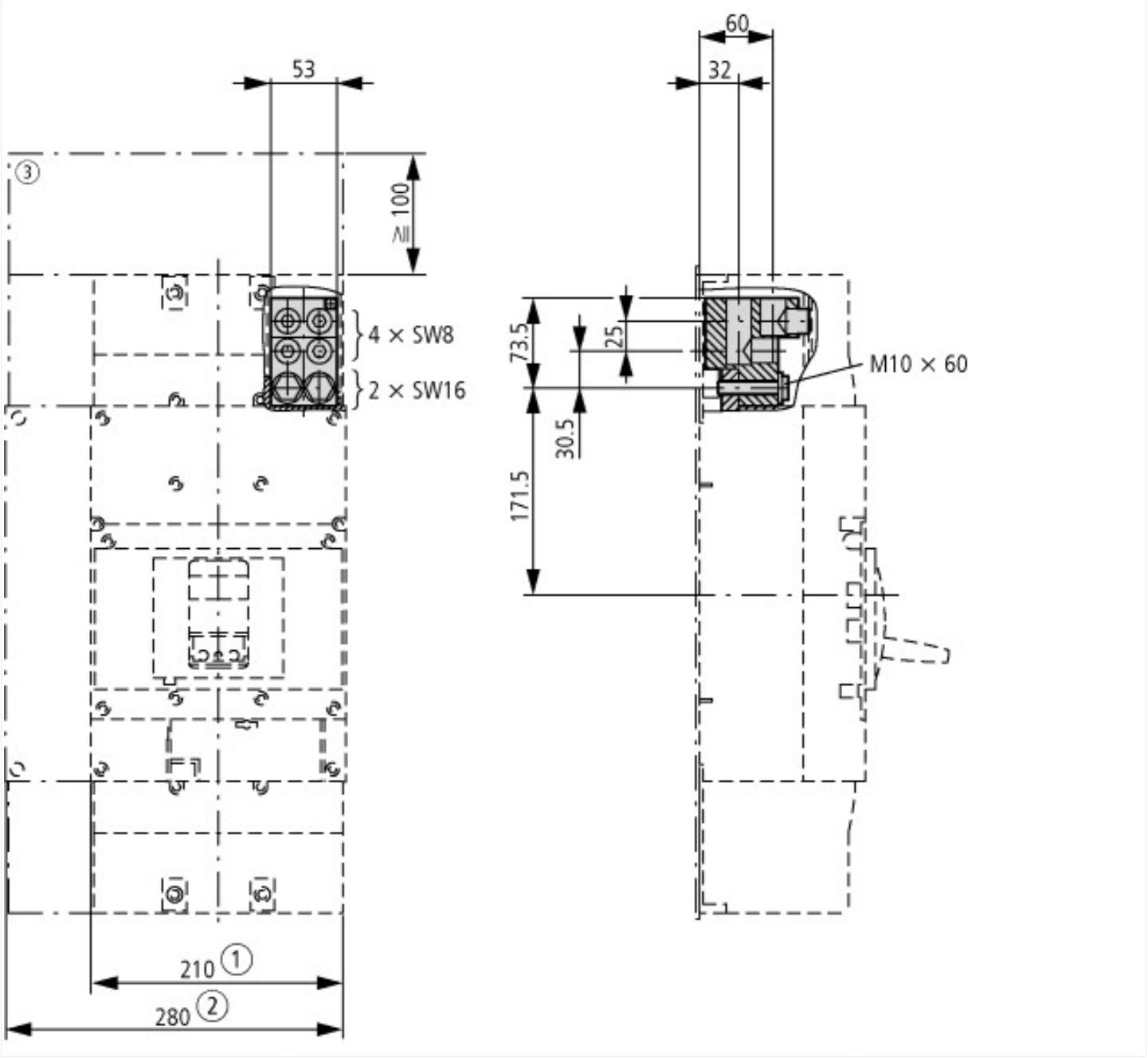
Technical data ETIM 7.0

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@ss10.0.1-27-37-04-24 [ACN957011])		
Suitable for number of poles		3
Model		Other

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.		22086
CSA Class No.		1432-01
North America Certification		UL listed, CSA certified
Suitable for		Refer to main component information

Dimensions



Additional product information (links)

IL01210012Z (AWA1230-2040) Tunnel terminal, flat-conductor terminal	
IL01210012Z (AWA1230-2040) Tunnel terminal, flat-conductor terminal	ftp://ftp.moeller.net/DOCUMENTATION/AWA_INSTRUCTIONS/IL01210012Z2011_08.pdf