DATASHEET - +NZM2-250-XKCU

Similar to illustration

Box terminal, 3p, bottom up to 300A

Part no.	**+NZM2-250-XKCU**
Catalog No.	**262243**
EL-Nummer (Norway)	**0004315556**

Powering Business Worldwide™

Delivery program

Number of conductors			3 pole
Accessories			Box terminal
Rated current	I_n	A	≦ 300
For use with			NZM2(-4), PN2(-4), N(S)2(-4)
Mounting position			Fitted at the bottom
Terminal capacities			
Type of conductor			
Cu/Al cable			Cu cable
Terminal capacities			
flexible		mm^2	1 x 10 - 185 2 x 4 - 70 Up to 95 mm^2 can be connected depending on the cable manufacturer.
AWG/kcmil		mm^2	1 x 12 - 350
Terminal capacities			
Cu strip (number of segments x width x segment thickness)		mm^2	min. 2 x 9 x 0.8 max. 10 x 16 x 0.8 Or max. (2 x) 8 x 15.5 x 0.8

Notes

Type suffix and type contain parts for a circuit-breaker side at top or bottom for 3 or 4 pole circuit-breakers.

Conversion kit for circuit-breaker with screw connection.

Fitted within the switch housing

O = for fitting at the top

U = for fitting at the bottom

U_e ≧ 525 V AC:

- Use cover NZM2(-4)-XKSA.

Use ferrules with flexible and highly flexible conductors. Max. cross section shown can only be connected when flexible and without ferrules.

Technical data

General

Mounting position			Fitted at the bottom

Design verification as per IEC/EN 61439

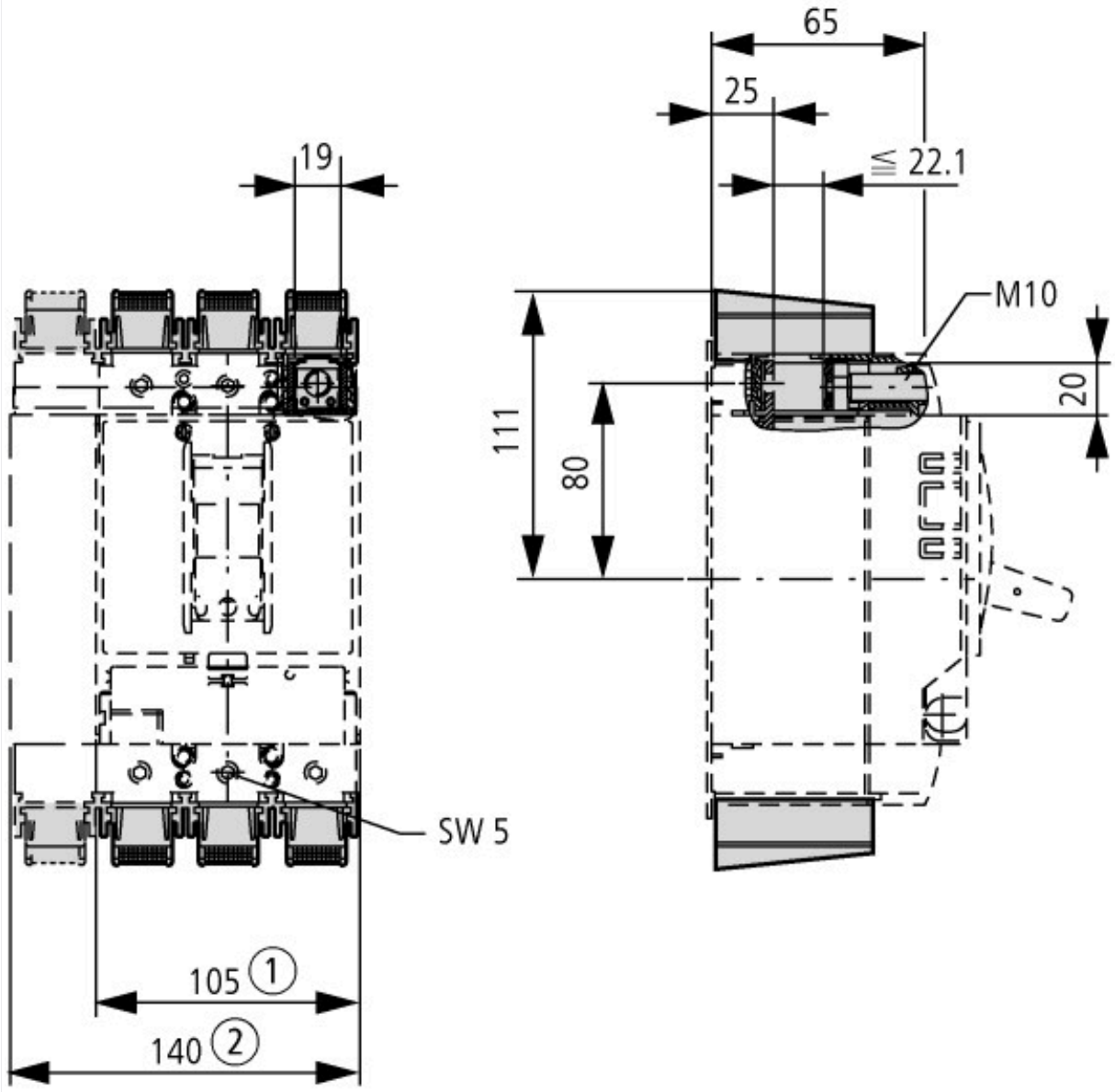
IEC/EN 61439 design verification			
10.2 Strength of materials and parts			
10.2.2 Corrosion resistance			Meets the product standard's requirements.
10.2.3.1 Verification of thermal stability of enclosures			Meets the product standard's requirements.
10.2.3.2 Verification of resistance of insulating 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

Dimensions



① 3-pole

② 4-pole

Additional product information (links)

IL01206005Z (AWA1230-1917) Box terminal block	
IL01206005Z (AWA1230-1917) Box terminal block	https://es-assets.eaton.com/DOCUMENTATION/AWA_INSTRUCTIONS/IL01206005Z2010_11.pdf
IL01206005Z (AWA1230-1917) Box terminal block	https://es-assets.eaton.com/DOCUMENTATION/AWA_INSTRUCTIONS/IL01206005Z2021_01.pdf