DATASHEET - NZM2-4-250-XKC

Box terminal, 4p, up to 300 A

Part no.	**NZM2-4-250-XKC**
	266756
EL Number (Norway)	**4300374**

Powering Business Worldwide™

General specifications

Product name	Eaton Moeller series NZM connection type
Part no.	NZM2-4-250-XKC
EAN	4015082667566
Product Length/Depth	60 millimetre
Product height	45 millimetre
Product width	70 millimetre
Product weight	0.305 kilogram
Compliances	IEC RoHS conform
Product Tradename	NZM
Product Type	Accessories
Product Sub Type	Connection type

Delivery program

Type	Accessory Box terminal Terminal
Number of poles	Four-pole
Amperage Rating	≦ 300 A
Frame	NZM2
Suitable for	Four-pole Copper cable
Used with	NZM2(-4), PN2(-4), N(S)2(-4)

Technical Data - Mechanical - Terminals

Terminal capacity (stranded cable)	Up to 95 mm^2 can be connected depending on the cable manufacturer. 10 mm^2 - 185 mm^2 (1x) 12 - 350 AWG/kcmil (1x) 4 mm^2 - 70 mm^2 (2x)
Terminal capacity (copper strip)	2 segments of 9 mm x 0.8 mm - 10 segments of 16 mm x 0.8 mm or 8 segments of 15.5 mm x 0.8 mm (2x)

Design verification as per IEC/EN 61439

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 Resist. of insul. mat. to abnormal heat/fire by internal elect. 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.
10.9.2 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.
Additional information			
Model			Other

Technical data ETIM 9.0

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@ss13-27-37-04-24 [ACN957016])			
Suitable for number of poles			4
Model			Other