

Box terminal, 3p, top to 630A



Part no. +NZM3-XKCO
262246
EL Number 4315558
(Norway)

General specifications		
Product name		Eaton Moeller series NZM connection type
Part no.		+NZM3-XKCO
EAN		4015082622466
Product Length/Depth		120.5 millimetre
Product height		275 millimetre
Product width		140 millimetre
Product weight		0.134 kilogram
Compliances		IEC UL/CSA RoHS conform
Certifications		UL (Category Control Number DIHS) CSA (Class No. 1437-01) CSA (File No. 22086) CE marking UL listed UL (File No. E31593) IEC60947 CSA-C22.2 No. 5-09 UL489 CSA certified
Product Tradename		NZM
Product Type		Accessories
Product Sub Type		Connection type
Delivery program		
Type		Accessory Box terminal Terminal
Number of poles		Three-pole
Amperage Rating		≤ 630 A
Frame		NZM3
Suitable for		Three-pole Copper cable
Used with		NZM3(-4), PN3(-4), N(S)3(-4)
Technical Data - Mechanical		
Mounting position		Fitted above
Technical Data - Mechanical - Terminals		
Terminal capacity (stranded cable)		35 mm ² - 240 mm ² (1x) 16 mm ² - 120 mm ² (2x) 2 - 500 AWG/kcmil (1x)
Terminal capacity (copper strip)		Max. 500 A: 6 segments of 16 mm x 0.8 mm - 10 segments of 24 mm x 1 mm or 11 segments of 21 mm x 1 mm 630 A: 10 segments of 24 mm x 1 mm + 5 segments of 24 mm x 1 mm or 8 segments of 24 mm x 1 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		3
Model		Other