

Box terminal, 3p, up to 630 A



Part no. NZM3-XKC
260042
EL Number 4358805
(Norway)

General specifications	
Product name	Eaton Moeller series NZM connection type
Part no.	NZM3-XKC
EAN	4015082600426
Product Length/Depth	120.5 millimetre
Product height	275 millimetre
Product width	140 millimetre
Product weight	0.41 kilogram
Compliances	IEC UL/CSA RoHS conform
Certifications	UL (Category Control Number DIHS) CSA-C22.2 No. 5-09 CE marking UL listed CSA certified UL489 IEC60947 CSA (Class No. 1432-01) CSA (File No. 22086) UL (File No. E31593)
Product Tradename	NZM
Product Type	Accessories
Product Sub Type	Connection type
Delivery program	
Type	Accessory Box terminal
Number of poles	Three-pole
Amperage Rating	≤ 630 A
Frame	NZM3
Suitable for	Copper cable Three-pole
Used with	NZM3(-4), PN3(-4), N(S)3(-4)
Technical Data - Mechanical - Terminals	
Terminal capacity (stranded cable)	35 mm ² - 240 mm ² (1x) 2 - 500 AWG/kcmil (1x) 25 mm ² - 120 mm ² (2x) 4 - 250 AWG/kcmil (2x)
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