

Screw connection 3p, standard, size 2



Part no. NZM2-XKS
260030
EL Number 4358804
(Norway)

General specifications		
Product name		Eaton Moeller series NZM connection type
Part no.		NZM2-XKS
EAN		4015082600303
Product Length/Depth		103 millimetre
Product height		336 millimetre
Product width		105 millimetre
Product weight		0.064 kilogram
Compliances		UL/CSA IEC RoHS conform
Certifications		UL489 UL (File No. E31593) CSA (File No. 22086) CSA-C22.2 No. 5-09 CSA certified UL listed CE marking IEC60947 UL (Category Control Number DIHS) CSA (Class No. 1432-01)
Product Tradename		NZM
Product Type		Accessories
Product Sub Type		Connection type
Delivery program		
Type		Accessory Screw connection Terminal
Number of poles		Three-pole
Amperage Rating		300 A (Cu), 250 A (Al)
Frame		NZM2
Suitable for		Copper cable lugs Three-pole Aluminum cable lug
Used with		NZM2, PN2, N(S)2
Technical Data - Mechanical - Terminals		
Terminal capacity (stranded cable)		8 - 1/0 AWG/kcmil (2x) 11 - 3/0 AWG/kcmil (1x) 4 mm ² - 70 mm ² (2x) 10 mm ² - 185 mm ² (1x) 12 AWG/kcmil (2x) 10 mm ² - 50 mm ² (1x) 10 mm ² - 50 mm ² (2x) 8 - 1/0 AWG/kcmil (1x)
Terminal capacity (copper busbar)		Min. 16 mm x 5 mm
Terminal capacity (copper strip)		Min. 2 segments of 16 mm x 0.8 mm
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