



Screw connection, 3p, 1 switch side, size 1

Part no. NZM1-XKS  
260019  
EL Number 4358733  
(Norway)

General specifications		
Product name		Eaton Moeller series NZM connection type
Part no.		NZM1-XKS
EAN		4015082600198
Product Length/Depth		41 millimetre
Product height		8 millimetre
Product width		16 millimetre
Product weight		0.287 kilogram
Compliances		UL/CSA RoHS conform IEC
Certifications		CE marking UL (File No. E31593) CSA-C22.2 No. 5-09 IEC60947 CSA certified CSA (File No. 22086) UL listed UL489 CSA (Class No. 1437-01) UL (Category Control Number DIHS)
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		≤ 160 A
Frame		NZM1
Suitable for		Aluminum cable lug Three-pole Copper cable lugs
Used with		NZM1, PN1, N(S)1
Technical Data - Mechanical - Terminals		
Terminal capacity (stranded cable)		10 mm <sup>2</sup> - 70 mm <sup>2</sup> (1x) 10 mm <sup>2</sup> - 35 mm <sup>2</sup> (1x) 6 mm <sup>2</sup> - 25 mm <sup>2</sup> (2x) 10 mm <sup>2</sup> - 35 mm <sup>2</sup> (2x) 12 - 2/0 AWG/kcmil (1x)
Terminal capacity (copper busbar)		Min. 12 mm x 5 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