

**Part no.**                      **NZM2-XKA**  
**271457**

<b>General specifications</b>		
Product name		Eaton Moeller series NZM connection type
Part no.		NZM2-XKA
EAN		4015082714574
Product Length/Depth		76 millimetre
Product height		85 millimetre
Product width		102 millimetre
Product weight		0.517 kilogram
Compliances		IEC UL/CSA RoHS conform
Certifications		UL (Category Control Number DIHS) CSA certified CSA (File No. 22086) CE marking CSA (Class No. 1432-01) UL listed CSA-C22.2 No. 5-09 IEC60947 UL489 UL (File No. E31593)
Product Tradename		NZM
Product Type		Accessories
Product Sub Type		Connection type
<b>Delivery program</b>		
Type		Accessory Tunnel terminal
Number of poles		Three-pole
Amperage Rating		300 A (Cu), 250 A (Al)
Frame		NZM2
Suitable for		Copper cable Aluminum cable Three-pole
Used with		NZM2, PN2, N(S)2
<b>Technical Data - Mechanical - Terminals</b>		
Terminal capacity (stranded cable)		16 mm <sup>2</sup> - 185 mm <sup>2</sup> (1x) at digital input of supply connection Max. 240 mm <sup>2</sup> at digital input of supply connection 6 - 350 AWG/kcmil (1x)
<b>Design verification as per IEC/EN 61439</b>		
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.
<b>Additional information</b>			
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