

Part no. NZM3-XKA2
271461
EL Number 4358874
(Norway)

General specifications	
Product name	Eaton Moeller series NZM connection type
Part no.	NZM3-XKA2
EAN	4015082714611
Product Length/Depth	92.5 millimetre
Product height	102 millimetre
Product width	137 millimetre
Product weight	1.162 kilogram
Compliances	IEC UL/CSA RoHS conform
Certifications	UL (File No. E31593) CSA-C22.2 No. 5-09 UL (Category Control Number DIHS) UL listed CSA (File No. 22086) IEC60947 CE marking CSA certified UL489 CSA (Class No. 1432-01)
Product Tradename	NZM
Product Type	Accessories
Product Sub Type	Connection type
Delivery program	
Type	Accessory Tunnel terminal
Number of poles	Three-pole
Amperage Rating	630 A (IEC), 550 A (UL/CSA)
Frame	NZM3
Suitable for	Copper cable Three-pole Aluminum cable
Used with	NZM3, PN3, N(S)3
Technical Data - Mechanical - Terminals	
Terminal capacity (stranded cable)	50 mm ² - 240 mm ² (2x) at digital input of supply connection Max. 500 AWG/kcmil (2x) Max. 500 AWG/kcmil (1x) 50 mm ² - 240 mm ² (1x) at digital input of supply connection
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