DATASHEET - NZM1-XKA

Tunnel terminal, 3p, 1 switch side, size 1

Part no.	**NZM1-XKA**
	266730
EL Number (Norway)	**4358881**

General specifications

Product name	Eaton Moeller series NZM connection type
Part no.	NZM1-XKA
EAN	4015082667306
Product Length/Depth	55 millimetre
Product height	27 millimetre
Product width	60 millimetre
Product weight	0.34 kilogram
Compliances	RoHS conform UL/CSA IEC
Certifications	CSA (File No. 22086) UL (Category Control Number DIHS) CSA-C22.2 No. 5-09 UL (File No. E31593) UL489 CSA certified CE marking CSA (Class No. 1437-01) IEC60947 UL listed
Product Tradename	NZM
Product Type	Accessories
Product Sub Type	Connection type

Delivery program

Type	Tunnel terminal Accessory
Number of poles	Three-pole
Amperage Rating	≦ 160 A
Frame	NZM1
Suitable for	Three-pole Copper cable
Used with	NZM1, PN1, N(S)1

Technical Data - Mechanical - Terminals

Terminal capacity (stranded cable)	16 mm^2 - 95 mm^2 (1x) at digital input of supply connection 6 - 3/0 AWG/kcmil (1x)

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