DATASHEET - NZM3-XKS

Screw connection, 3p, standard, size 3

Part no.	**NZM3-XKS**
	260039
EL Number (Norway)	**4358777**

Powering Business Worldwide™

General specifications

Product name	Eaton Moeller series NZM connection type
Part no.	NZM3-XKS
EAN	4015082600396
Product Length/Depth	120.5 millimetre
Product height	459 millimetre
Product width	140 millimetre
Product weight	0.14 kilogram
Compliances	IEC UL/CSA RoHS conform
Certifications	UL (Category Control Number DIHS) CSA-C22.2 No. 5-09 CE marking CSA (Class No. 1437-01) UL listed UL (File No. E31593) CSA (File No. 22086) UL489 CSA certified IEC60947
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	630 A
Frame	NZM3
Suitable for	Copper cable lugs Three-pole Aluminum cable lug
Used with	NZM3, PN3, N(S)3

Technical Data - Mechanical - Terminals

Terminal capacity (stranded cable)	16 mm^2 - 300 mm^2 (1x) 4 - 350 AWG/kcmil (1x) 16 mm^2 - 240 mm^2 (2x) 350 AWG/kcmil (2x)
Terminal capacity (copper busbar)	30 mm x 10 mm + 30 mm x 5 mm
Terminal capacity (copper strip)	10 segments of 32 mm x 1 mm + 5 segments of 32 mm x 1 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