DATASHEET - NZM3-XKV70

Connection width extension 3p, size 3

Part no.	**NZM3-XKV70**
	100514
EL Number (Norway)	**4358856**

Powering Business Worldwide™

General specifications

Product name	Eaton Moeller series NZM connection type
Part no.	NZM3-XKV70
EAN	4015081004980
Product Length/Depth	6 millimetre
Product height	80 millimetre
Product width	188 millimetre
Product weight	0.75 kilogram
Compliances	UL/CSA IEC RoHS conform
Certifications	CSA-C22.2 No. 5-09 UL (File No. E140305) CE marking CSA (Class No. 1432-01) UL listed CSA (File No. 22086) UL (Category Control Number DIHS) IEC60947 UL489 CSA certified
Product Tradename	NZM
Product Type	Accessories
Product Sub Type	Connection type

Delivery program

Type	Accessory Connection width extension Terminal
Number of poles	Three-pole
Amperage Rating	630 A
Special features	One hole
Frame	NZM3
Suitable for	Copper cable lugs Three-pole
Used with	NZM3, PN3, N(S)3

Technical Data - Mechanical

Special features	One hole

Technical Data - Mechanical - Terminals

Terminal capacity (flexible cable)	300 mm^2 (2x) 500 AWG/kcmil (2x)
Terminal capacity (copper busbar)	10 mm x 50 mm (2x)
Terminal capacity (copper strip)	10 segments of 50 mm x 1 mm (2x)

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.

Technical data ETIM 9.0

Low-voltage industrial components (EG000017) / Connection vane/phase spreader (EC002019)			
Electric engineering, automation, process control engineering / Low-voltage switch technology / Component for low-voltage switching technology / Connection vane/phase spreader (ecl@ss13-27-37-13-05 [ACN990017])			
Suitable for number of poles			3

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