

Connection width extension, 3p, spacing 110mm



Part no. NZM4-XKV110
281593
EL Number 4358966
(Norway)

General specifications		
Product name		Eaton Moeller series NZM connection type
Part no.		NZM4-XKV110
EAN		4015082815936
Product Length/Depth		140 millimetre
Product height		50 millimetre
Product width		90 millimetre
Product weight		3.215 kilogram
Compliances		IEC UL/CSA RoHS conform
Certifications		CSA certified CE marking CSA-C22.2 No. 5-09 CSA (File No. 22086) UL (Category Control Number DIHS) UL (File No. E31593) IEC60947 UL489 CSA (Class No. 1432-01) UL listed
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		1600 A
Special features		Five-hole fitting
Frame		NZM4
Suitable for		Copper cable lugs Three-pole
Used with		NZM4, N(S)4
Technical Data - Mechanical		
Special features		Five-hole fitting
Technical Data - Mechanical - Terminals		
Terminal capacity (flexible cable)		Max. 500 AWG/kcmil (6x) 95 mm ² - 240 mm ² (6x) 300 mm ² (4x) 600 AWG/kcmil (4x)
Terminal capacity (copper busbar)		Max. 80 mm x 10 mm (2x)
Terminal capacity (copper strip)		Min. 10 segments of 50 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.

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