

**Part no.**                      **NZM3-XKR**  
**266792**

<b>General specifications</b>		
Product name		Eaton Moeller series NZM connection type
Part no.		NZM3-XKR
EAN		4015082667924
Product Length/Depth		160 millimetre
Product height		45 millimetre
Product width		65 millimetre
Product weight		1.124 kilogram
Compliances		IEC RoHS conform
Product Tradename		NZM
Product Type		Accessories
Product Sub Type		Connection type
<b>Delivery program</b>		
Type		Accessory Connection on rear Terminal
Number of poles		Three-pole
Amperage Rating		630 A (Cu), 500 A (Al)
Frame		NZM3
Suitable for		Copper cable lugs Three-pole Aluminum cable lug
Used with		NZM3, PN3, N3
<b>Technical Data - Mechanical - Terminals</b>		
Terminal capacity (stranded cable)		16 mm <sup>2</sup> - 240 mm <sup>2</sup> (1x) 16 mm <sup>2</sup> - 240 mm <sup>2</sup> (2x)
Terminal capacity (copper busbar)		Min. 20 mm x 5 mm Max. 30 mm x 10 mm + 30 mm x 5 mm
Terminal capacity (copper strip)		6 segments of 16 mm x 0.8 mm - 10 segments of 32 mm x 1 mm + 5 segments of 32 mm x 1 mm
<b>Design verification as per IEC/EN 61439</b>		
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.
<b>Additional information</b>			
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