

Earth-fault release, 3p



**Part no.**                    **+NZM4-XT**  
**266721**

<b>General specifications</b>		
Product name		Eaton Moeller series NZM release
Part no.		+NZM4-XT
EAN		4015082667214
Product Length/Depth		23 millimetre
Product height		54 millimetre
Product width		41 millimetre
Product weight		0.025 kilogram
Compliances		IEC RoHS conform
Product Tradename		NZM
Product Type		Accessories
Product Sub Type		Release
<b>Delivery program</b>		
Type		Accessory Earth-fault releases Voltage release
Special features		Not UL/CSA approved Not dependent on mains and control voltages I <sub>g</sub> = 0.35 - 0.4 - 0.5 - 0.6 - 0.7 - 0.8 - 0.9 - 1.0 x I <sub>n</sub> t <sub>g</sub> = 0 - 20 - 60 - 100 - 200 - 300 - 500 - 750 - 1000 ms
Frame		NZM4
Used with		NS4 NZM4
<b>Technical Data - Electrical</b>		
Rated operating voltage (U <sub>e</sub> ) - max		690 V
Rated control supply voltage (U <sub>s</sub> ) at AC, 50 Hz - min		0 V
Rated control supply voltage (U <sub>s</sub> ) at AC, 50 Hz - max		0 V
Rated control supply voltage (U <sub>s</sub> ) at AC, 60 Hz - min		0 V
Rated control supply voltage (U <sub>s</sub> ) at AC, 60 Hz - max		0 V
Rated control supply voltage (U <sub>s</sub> ) at DC - min		0 V
Rated control supply voltage (U <sub>s</sub> ) at DC - max		0 V
Rated fault current - min		630 A
Rated fault current - max		1600 A
Power on-delay time - min		1000 ms
Power on-delay time - max		1000 ms
<b>Technical Data - Mechanical</b>		
Special features		Not UL/CSA approved Not dependent on mains and control voltages I <sub>g</sub> = 0.35 - 0.4 - 0.5 - 0.6 - 0.7 - 0.8 - 0.9 - 1.0 x I <sub>n</sub> t <sub>g</sub> = 0 - 20 - 60 - 100 - 200 - 300 - 500 - 750 - 1000 ms
<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>		
Functions		Delay adjustable

## Technical data ETIM 9.0

Low-voltage industrial components (EG000017) / Residual current release for power circuit breaker (EC001021)			
Electric engineering, automation, process control engineering / Low-voltage switch technology / Circuit breaker (LV < 1 kV) / Fault current switch for circuit breakers (ecl@ss13-27-37-04-11 [AKF009018])			
Rated control supply voltage AC 50 Hz	V		0 - 0
Rated control supply voltage AC 60 Hz	V		0 - 0
Rated control supply voltage DC	V		0 - 0
Rated fault current	A		630 - 1600
Max. power on-delay time	ms		1000
Delay adjustable			Yes
Max. rated operation voltage U <sub>e</sub>	V		690