

Undervoltage release, for delay unit



Part no. NZM4-XUV
266588
EL Number 4358959
(Norway)

General specifications		
Product name		Eaton Moeller series NZM release
Part no.		NZM4-XUV
EAN		4015082665883
Product Length/Depth		107 millimetre
Product height		51 millimetre
Product width		64 millimetre
Product weight		0.263 kilogram
Compliances		IEC RoHS conform
Certifications		CSA certified UL listed CE marking CSA (Class No. 1437-01) UL (File No. E140305) IEC60947 UL (Category Control Number DIHS) CSA (File No. 22086) CSA-C22.2 No. 5-09 UL489
Product Tradename		NZM
Product Type		Accessories
Product Sub Type		Release
Delivery program		
Type		Accessory Undervoltage release Undervoltage release, off-delayed
Special features		Special releases for combining with separate delay time. For use with emergency-stop devices in connection with an emergency-stop button. not UL/CSA approved UVU-NZM delay unit is additionally required. Cannot be installed simultaneously with separate NZM...-XHIV early-make auxiliary contact or NZM...-XA... shunt release.
Frame		NZM4
Suitable for		Off-load switch
Used with		NZM4(-4) N(S)4(-4)
Technical Data - Electrical		
Voltage type		DC
Voltage rating at DC		18 V DC
Rated control supply voltage (Us) at AC, 50 Hz - min		0 V
Rated control supply voltage (Us) at AC, 50 Hz - max		0 V
Rated control supply voltage (Us) at AC, 60 Hz - min		0 V
Rated control supply voltage (Us) at AC, 60 Hz - max		0 V
Rated control supply voltage (Us) at DC - min		0 V
Rated control supply voltage (Us) at DC - max		0 V
Electric connection type		Screw connection
Technical Data - Mechanical		
Number of contacts (change-over contacts)		0
Number of contacts (normally closed contacts)		0
Number of contacts (normally open contacts)		0
Connection type		With bolt connection
Special features		Special releases for combining with separate delay time. For use with emergency-stop devices in connection with an emergency-stop button. not UL/CSA approved UVU-NZM delay unit is additionally required. Cannot be installed simultaneously with separate NZM...-XHIV early-make auxiliary contact or NZM...-XA... shunt release.
Technical Data - Mechanical - Terminals		

Terminal capacity (solid/flexible conductor)		18 - 14 AWG (1x) at shunt release 18 - 14 AWG (2x) at shunt release 0.75 mm ² - 2.5 mm ² (2x) for undervoltage releases, off-delayed with ferrule 18 - 14 AWG (1x) for undervoltage releases, off-delayed 0.75 mm ² - 2.5 mm ² (1x) at shunt release with ferrule 0.75 mm ² - 2.5 mm ² (2x) at shunt release with ferrule 0.75 mm ² - 2.5 mm ² (1x) for undervoltage releases, off-delayed with ferrule 18 - 14 AWG (2x) for undervoltage releases, off-delayed
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		
Functions		Delayed

Technical data ETIM 9.0

Low-voltage industrial components (EG000017) / Under voltage coil (EC001022)		
Electric engineering, automation, process control engineering / Low-voltage switch technology / Circuit breaker (LV < 1 kV) / Undervoltage trip (ecl@ss13-27-37-04-17 [AKF015018])		
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
Voltage type for actuating		DC
Type of electric connection		Screw connection
Number of contacts as normally open contact		0
Number of contacts as normally closed contact		0
Number of contacts as change-over contact		0
Delayed		Yes
Suitable for power circuit breaker		No
Suitable for off-load switch		Yes
Suitable for motor safety switch		No
Suitable for overload relay		No