DATASHEET - NZM1-XU110-130AC



Undervoltage release, 110-130VAC

Part no. NZM1-XU110-130AC 259440



General specifications	
Product name	Eaton Moeller series NZM release
Part no.	NZM1-XU110-130AC
EAN	4015082594404
Product Length/Depth	37 millimetre
Product height	66 millimetre
Product width	32 millimetre
Product weight	0.073 kilogram
Compliances	CE Marked IEC UL/CSA RoHS conform
Certifications	UL (File No. E140305) CSA (Class No. 1437-01) UL listed CE marking UL (Category Control Number DIHS) CSA-C22.2 No. 5-09 CSA (File No. 22086)
Product Tradename	NZM
Product Type	Accessories
Product Sub Type	Release
Delivery program	
Туре	Accessory Undervoltage release
Special features Frame	Non-delayed disconnection of NZM circuit-breaker or N switch-disconnector when the control voltage sinks below 35 – 70% US. For use with emergency-stop devices in connection with an emergency-stop button. When the under-voltage trip is switched off, accidental contact with the circui breaker's primary contacts is prevented when switched on. Undervoltage releases cannot be installed simultaneously with NZMXHIV early-make auxiliary contact or NZMXA shunt release.
Suitable for	Off-load switch
Used with	
	NZM1(-4), N(S)1(-4)
echnical Data - Electrical	
Voltage type	AC
Rated control voltage (relay contacts)	110 V AC 130 V AC
Rated control supply voltage	110 - 130 V 50/60 Hz
Rated control supply voltage (Us) at AC, 50 Hz - min	110 V
Rated control supply voltage (Us) at AC, 50 Hz - max	130 V
Rated control supply voltage (Us) at AC, 60 Hz - min	110 V
Rated control supply voltage (Us) at AC, 60 Hz - max	130 V
Rated control supply voltage (Us) at DC - min	0 V
Rated control supply voltage (Us) at DC - max	0 V
Voltage tolerance - min	0.85
Voltage tolerance - max	1.1
Drop-out voltage of undervoltage release AC/DC - min	0.35 x Us
Drop-out voltage of undervoltage release AC/DC - max	0.7 x Us
Frequency rating	50 to 60 Hz
Power consumption	0.8 W (sealing DC) 1.5 VA (sealing AC)
Pick-up power consumption at AC (undervoltage release)	1.5 V-A
Pick-up power consumption at DC (undervoltage release)	0.8 W

19 ms
10 ms
15 ms
Screw connection
0
0
0
With terminal block on the left-hand switch side
Non-delayed disconnection of NZM circuit-breaker or N switch-disconnector when the control voltage sinks below 35 – 70% US. For use with emergency-stop devices in connection with an emergency-stop button. When the under-voltage trip is switched off, accidental contact with the circuit breaker's primary contacts is prevented when switched on. Undervoltage releases cannot be installed simultaneously with NZMXHIV early-make auxiliary contact or NZMXA shunt release.
18 - 14 AWG (1x) at shunt release 18 - 14 AWG (1x) for undervoltage releases, off-delayed 0.75 mm² - 2.5 mm² (2x) for undervoltage releases, off-delayed with ferrule 0.75 mm² - 2.5 mm² (1x) at shunt release with ferrule 0.75 mm² - 2.5 mm² (1x) for undervoltage releases, off-delayed with ferrule 18 - 14 AWG (2x) for undervoltage releases, off-delayed 18 - 14 AWG (2x) at shunt release 0.75 mm² - 2.5 mm² (2x) at shunt release with ferrule
Meets the product standard's requirements.
Does not apply, since the entire switchgear needs to be evaluated.
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Technical data ETIM 9.0

Tooliiiour data ETIII 0.0					
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	110 - 130		
Rated control supply voltage AC 60 Hz		٧	110 - 130		
Rated control supply voltage DC		٧	0 - 0		
Voltage type for actuating			AC		
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	No
Suitable for power circuit breaker	No
Suitable for off-load switch	Yes
Suitable for motor safety switch	No
Suitable for overload relay	No