Shunt release, 60VAC/DC



Part no. NZM2/3-XA60AC/DC 259758

General specifications	
Product name	Eaton Moeller series NZM release
Part no.	NZM2/3-XA60AC/DC
EAN	4015082597580
Product Length/Depth	42 millimetre
Product height	90 millimetre
Product width	30 millimetre
Product weight	0.064 kilogram
Compliances	IEC UL/CSA RoHS conform
Certifications	CSA-C22.2 No. 5-09 UL (Category Control Number DIHS) UL (File No. E140305) UL489 CE marking UL listed CSA certified CSA (File No. 22086) CSA (Class No. 1437-01) IEC60947
Product Tradename	NZM
Product Type	Accessories
Product Sub Type	Release
Delivery program	
Туре	Accessory Shunt release
Special features	Switches are tripped by a voltage pulse or by the application of uninterrupted voltage. If the shunt trip is live, contact with the circuit breaker's primary contacts is prevented when switched on. Shunt releases cannot be installed simultaneously with NZMXHIV early-make auxiliary contact or NZMXU undervoltage release.
Frame	NZM2/3
Suitable for	Off-load switch
Used with	NZM3(-4), N3(-4) NZM2(-4), N2(-4)
Technical Data - Electrical	
Voltage type	AC
Voltage rating	0.7 - 1.1 x Us
Voltage rating at AC (x Us) - min	0.7
Voltage rating at AC (x Us) - max	1.1
Rated control voltage (relay contacts)	60 V DC 60 V AC
Rated control supply voltage	60 V AC/DC
Rated control supply voltage (Us) at AC, 50 Hz - min	60 V
Rated control supply voltage (Us) at AC, 50 Hz - max	60 V
Rated control supply voltage (Us) at AC, 60 Hz - min	60 V
Rated control supply voltage (Us) at AC, 60 Hz - max	60 V
Rated control supply voltage (Us) at DC - min	60 V
Rated control supply voltage (Us) at DC - max	60 V
Frequency rating	50 Hz / 60 Hz / 200 Hz / 400 Hz, DC (shunt release)
Pick-up power consumption (shunt release)	2.5 VA/W
Reaction time	20 ms
Time on duty - max	00
Minimum command time - min	10 ms
Minimum command time - max	15 ms
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is prevented when switched on. Shurt releases cannot be installed simultaneous with NZMXHIV early-make auxiliary contact or NZMXU undervoltage release. Technical Data - Mechanical - Terminals Terminal capacity (solid/flexible conductor) 2.75 mm² - 2.5 mm² (2.5 mm² - 2.5 mm² (2.5) for undervoltage releases, off-delayed with ferrule 2.75 mm² - 2.5 mm² (2.5) for undervoltage releases, off-delayed with ferrule 2.75 mm² - 2.5 mm² (2.5) for undervoltage releases, off-delayed with ferrule 2.75 mm² - 2.5 mm² (2.5) for undervoltage releases, off-delayed with ferrule 2.75 mm² - 2.5 mm² (2.5) for undervoltage releases, off-delayed with ferrule 2.75 mm² - 2.5 mm² (2.5) for undervoltage releases, off-delayed with ferrule 2.75 mm² - 2.5 mm² (2.5) for undervoltage releases, off-delayed with ferrule 2.75 mm² - 2.5 mm² (2.5) for undervoltage releases, off-delayed with ferrule 2.75 mm² - 2.5 mm² (2.5) for undervoltage releases, off-delayed with ferrule 2.75 mm² - 2.5 mm² (2.5) for undervoltage releases, off-delayed with ferrule 2.75 mm² - 2.5 mm² (2.5) for undervoltage releases, off-delayed with ferrule 2.75 mm² - 2.5 mm² (2.5) for undervoltage releases, off-delayed with ferrule 2.75 mm² - 2.5 mm² (2.5) for undervoltage releases, off-delayed with ferrule 2.75 mm² - 2.5 mm² (2.5) for undervoltage releases, off-delayed with ferrule 2.75 mm² - 2.5 mm² (2.5) for undervoltage releases, off-delayed with ferrule 2.75 mm² - 2.5 mm² (2.5) for undervoltage releases, off-delayed with ferrule 2.75 mm² - 2.5 mm² (2.5) for undervoltage releases, off-delayed 2.75 mm² - 2.55 mm² (2.5) for undervoltage releases, off-delayed 2.75 mm² - 2.55 mm² (2.5) for undervoltage releases, off-delayed 2.75 mm² - 2.55 mm² (2.5) for undervoltage releases, off-delayed 2.75 mm² - 2.55 mm² (2.5) for undervoltage releases, off-delayed 2.75 mm² - 2.55 mm² (2.5) for undervoltage releases, off-delayed 2.75 mm² - 2.55 mm² (2.5) for undervoltage releases, off-delayed 2.75 mm² - 2.55 mm² (2.5) for undervoltage releases, off-delayed 2.75 mm² - 2.75 mm² (2.5)	Electric connection type	Screw connection
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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	10.9.3 Impulse withstand voltage	Is the panel builder's responsibility.
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observed. 10.13 Mechanical function The device meets the requirements, provided the information in the instruction	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	· · · · · · · · · · · · · · · · · · ·

Technical data ETIM 9.0

Low-voltage industrial components (EG000017) / Shunt release (for power circuit breaker) (EC001023)					
Electric engineering, automation, process control engineering / Low-voltage switch technology / Circuit breaker (LV < 1 kV) / Full load current trip (ecl@ss13-27-37-04-18 [AKF016018])					
Rated control supply voltage AC 50 Hz	V		60 - 60		
Rated control supply voltage AC 60 Hz	V	1	60 - 60		
Rated control supply voltage DC	V	1	60 - 60		
Voltage type for actuating			AC		
Initial value of the undelayed short-circuit release - setting range	А		0		
End value adjustment range undelayed short-circuit release	А	1	0		
Power consumption	W	'			
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		

Suitable for power circuit breaker	No
Suitable for off-load switch	Yes
Suitable for motor safety switch	No
Suitable for overload relay	No