

# Eaton 259763

Eaton Moeller series NZM Shunt release,  
208-240VAC/DC, for NZM2/3

PRODUCT NAME	Eaton Moeller series NZM Shunt release
CATALOG NUMBER	259763
PRODUCT LENGTH/DEPTH	42 mm
PRODUCT HEIGHT	90 mm
PRODUCT WIDTH	30 mm
PRODUCT WEIGHT	0.097 kg
COMPLIANCES	UL/CSA IEC RoHS conform
CERTIFICATIONS	UL489 CSA certified CSA (File No. 22086) UL (Category Control Number DIHS) CSA-C22.2 No. 5-09 UL listed IEC60947 CSA (Class No. 1437-01) CE marking UL (File No. E140305)

<b>USED WITH</b>	NZM3(-4), N(S)3(-4) NZM2(-4), N(S)2(-4)
<b>VOLTAGE RATING</b>	0.7 - 1.1 x Us
<b>10.10 TEMPERATURE RISE</b>	The panel builder is responsible for the temperature rise calculation. Eaton will provide heat dissipation data for the devices.
<b>10.11 SHORT-CIRCUIT RATING</b>	Is the panel builder's responsibility. The specifications for the switchgear must be observed.
<b>10.12 ELECTROMAGNETIC COMPATIBILITY</b>	Is the panel builder's responsibility. The specifications for the switchgear must be observed.
<b>10.13 MECHANICAL FUNCTION</b>	The device meets the requirements, provided the information in the instruction leaflet (IL) is observed.
<b>10.2.2 CORROSION RESISTANCE</b>	Meets the product standard's requirements.
<b>10.2.3.1 VERIFICATION OF THERMAL STABILITY OF ENCLOSURES</b>	Meets the product standard's requirements.
<b>10.2.3.2 VERIFICATION OF RESISTANCE OF INSULATING MATERIALS TO NORMAL HEAT</b>	Meets the product standard's requirements.
<b>10.2.3.3 RESIST. OF INSUL. MAT. TO ABNORMAL HEAT/FIRE BY INTERNAL ELECT. EFFECTS</b>	Meets the product standard's requirements.
<b>10.2.4 RESISTANCE TO ULTRA-VIOLET (UV) RADIATION</b>	Meets the product standard's requirements.
<b>10.2.5 LIFTING</b>	Does not apply, since the entire switchgear needs to be evaluated.
<b>10.2.6 MECHANICAL IMPACT</b>	Does not apply, since the entire switchgear needs to be evaluated.
<b>10.2.7 INSCRIPTIONS</b>	Meets the product standard's requirements.



<b>10.3 DEGREE OF PROTECTION OF ASSEMBLIES</b>	Does not apply, since the entire switchgear needs to be evaluated.
<b>10.4 CLEARANCES AND CREEPAGE DISTANCES</b>	Meets the product standard's requirements.
<b>10.5 PROTECTION AGAINST ELECTRIC SHOCK</b>	Does not apply, since the entire switchgear needs to be evaluated.
<b>10.6 INCORPORATION OF SWITCHING DEVICES AND COMPONENTS</b>	Does not apply, since the entire switchgear needs to be evaluated.
<b>10.7 INTERNAL ELECTRICAL CIRCUITS AND CONNECTIONS</b>	Is the panel builder's responsibility.
<b>10.8 CONNECTIONS FOR EXTERNAL CONDUCTORS</b>	Is the panel builder's responsibility.
<b>10.9.2 POWER-FREQUENCY ELECTRIC STRENGTH</b>	Is the panel builder's responsibility.
<b>10.9.3 IMPULSE WITHSTAND VOLTAGE</b>	Is the panel builder's responsibility.
<b>10.9.4 TESTING OF ENCLOSURES MADE OF INSULATING MATERIAL</b>	Is the panel builder's responsibility.
<b>ELECTRIC CONNECTION TYPE</b>	Screw connection
<b>FRAME</b>	NZM2/3
<b>FREQUENCY RATING</b>	50 Hz / 60 Hz / 200 Hz / 400 Hz, DC (shunt release)
<b>MINIMUM COMMAND TIME - MAX</b>	15 ms
<b>MINIMUM COMMAND TIME - MIN</b>	10 ms
<b>NUMBER OF CONTACTS (NORMALLY OPEN CONTACTS)</b>	0
<b>REACTION TIME</b>	20 ms
<b>PICK-UP POWER CONSUMPTION (SHUNT RELEASE)</b>	2.5 VA/W
<b>RATED CONTROL SUPPLY VOLTAGE</b>	208 - 250 V AC/DC
<b>RATED CONTROL SUPPLY VOLTAGE (US) AT AC, 50 HZ - MAX</b>	250 V
<b>RATED CONTROL SUPPLY VOLTAGE (US) AT AC, 50 HZ - MIN</b>	208 V

<b>RATED CONTROL SUPPLY VOLTAGE (US) AT AC, 60 HZ - MAX</b>	250 V
<b>RATED CONTROL SUPPLY VOLTAGE (US) AT AC, 60 HZ - MIN</b>	208 V
<b>SUITABLE FOR</b>	Off-load switch
<b>CONNECTION TYPE</b>	With bolt connection
<b>VOLTAGE TYPE</b>	AC/DC
<b>TERMINAL CAPACITY (SOLID/FLEXIBLE CONDUCTOR)</b>	18 - 14 AWG (1x) at shunt release 18 - 14 AWG (2x) at shunt release 0.75 mm <sup>2</sup> - 2.5 mm <sup>2</sup> (2x) at shunt release with ferrule 18 - 14 AWG (2x) for undervoltage releases, off- delayed 0.75 mm <sup>2</sup> - 2.5 mm <sup>2</sup> (1x) at shunt release with ferrule 0.75 mm <sup>2</sup> - 2.5 mm <sup>2</sup> (1x) for undervoltage releases, off-delayed with ferrule 0.75 mm <sup>2</sup> - 2.5 mm <sup>2</sup> (2x) for undervoltage releases, off-delayed with ferrule 18 - 14 AWG (1x) for undervoltage releases, off- delayed
<b>TYPE</b>	<ul style="list-style-type: none"> <li>• Accessory</li> <li>• Shunt release</li> </ul>
<b>SPECIAL FEATURES</b>	<ul style="list-style-type: none"> <li>• Switches are tripped by a voltage pulse or by the application of uninterrupted voltage.</li> <li>• If the shunt trip is live, contact with the circuit breaker's primary contacts is prevented when switched on.</li> <li>• Shunt releases cannot be installed simultaneously with NZM...-XHIV... early-make auxiliary contact or NZM...-XU... undervoltage</li> </ul>

release.	
<b>RATED CONTROL SUPPLY VOLTAGE (US) AT DC - MAX</b>	250 V
<b>RATED CONTROL SUPPLY VOLTAGE (US) AT DC - MIN</b>	208 V
<b>VOLTAGE RATING AT AC (X US) - MAX</b>	1.1
<b>VOLTAGE RATING AT AC (X US) - MIN</b>	.7
<b>NUMBER OF CONTACTS (NORMALLY CLOSED CONTACTS)</b>	0
<b>NUMBER OF CONTACTS (CHANGE-OVER CONTACTS)</b>	0
<b>UNDELAYED SHORT-CIRCUIT RELEASE - MIN</b>	0 A
<b>UNDELAYED SHORT-CIRCUIT RELEASE - MAX</b>	0 A
<b>TIME ON DUTY - MAX</b>	∞
<b>RATED CONTROL VOLTAGE (RELAY CONTACTS)</b>	250 V DC 208 V DC 208 V AC 250 V AC

PROJECT NAME:
PROJECT NUMBER:
PREPARED BY:
:



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