

## Undervoltage release 48 VDC

**Part no.** IZMX-UVR48DC-1  
**184110**  
**EL Number** 4398473  
**(Norway)**

<b>General specifications</b>		
Product name		Eaton Moeller series IZMX/INX undervoltage release
Part no.		IZMX-UVR48DC-1
EAN		4015081783151
Product Length/Depth		150 millimetre
Product height		100 millimetre
Product width		100 millimetre
Product weight		0.091 kilogram
Compliances		RoHS conform
Product Tradename		IZMX/INX
Product Type		Accessories
Product Sub Type		Undervoltage release
<b>Delivery program</b>		
Type		Accessory
Special features		Cannot be combined with a second shunt release. Retrofitting kit Slot on the right on the adapter plate. Limited to 3/min due to the high pick-up current for 35 ms. Please note - the circuit-breaker's switching frequency = 60/h The retrofit kit includes the required SEC control cable terminals.
Suitable for		Off-load switch Power circuit breaker Overload relay Motor safety switch
Used with		IZMX16..., IZMX40... INX16..., INX40...
<b>Technical Data - Electrical</b>		
Voltage type		DC
Control voltage operating range		0.85 - 1.1 x Us 48 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		48 V
Rated control supply voltage (Us) at DC - max		48 V
Current rating - max		0.089 A (maximum holding current)
Rated operational current		0.089 A (maximum holding current)
Power consumption		5 VA/W AC/DC
Pick-up power consumption at 35 ms - max		850 VA/W
Circuit breaker total switching time		50 ms (Us = 100%) (IZMX16..., INX16...) 40 ms (Us = 100%) (IZMX40..., INX40...)
Electric connection type		Flat plug-in connection
<b>Technical Data - Mechanical</b>		
Number of actuation per minute - max		3
Number of contacts (change-over contacts)		0
Number of contacts (normally closed contacts)		0
Number of contacts (normally open contacts)		0
<b>Design verification as per IEC/EN 61439 - technical data</b>		
Ambient operating temperature - min		-25 °C
Ambient operating temperature - max		70 °C
<b>Additional information</b>		

Accessory/spare part type		Remote switching
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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	48 - 48
Voltage type for actuating		DC
Type of electric connection		Flat plug-in 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		Yes
Suitable for off-load switch		Yes
Suitable for motor safety switch		Yes
Suitable for overload relay		Yes