

Undervoltage release 24 VDC

Part no. IZMX-UVR24DC-1
 184108
 EL Number 4398471
 (Norway)

General specifications	
Product name	Eaton Moeller series IZMX/INX undervoltage release
Part no.	IZMX-UVR24DC-1
EAN	4015081783144
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
Delivery program	
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	Overload relay Power circuit breaker Motor safety switch Off-load switch
Used with	INX16..., INX40... IZMX16..., IZMX40...
Technical Data - Electrical	
Voltage type	DC
Control voltage operating range	0.85 - 1.1 x Us 24 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	24 V
Rated control supply voltage (Us) at DC - max	24 V
Current rating - max	0.18 A (maximum holding current)
Rated operational current	0.18 A (maximum holding current)
Power consumption	5 VA/W AC/DC
Pick-up power consumption at 35 ms - max	500 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
Technical Data - Mechanical	
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
Design verification as per IEC/EN 61439 - technical data	
Ambient operating temperature - min	-25 °C
Ambient operating temperature - max	70 °C
Additional information	

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
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Rated control supply voltage AC 60 Hz	V	0 - 0
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Rated control supply voltage DC	V	24 - 24
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Voltage type for actuating		DC
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Type of electric connection		Flat plug-in connection
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Number of contacts as normally open contact		0
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Number of contacts as normally closed contact		0
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Number of contacts as change-over contact		0
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Delayed		No
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Suitable for power circuit breaker		Yes
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Suitable for off-load switch		Yes
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Suitable for motor safety switch		Yes
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Suitable for overload relay		Yes
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