DATASHEET - IZMX-UVR48DC-1

Undervoltage release 48 VDC

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

General specifications

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

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	Off-load switch Power circuit breaker Overload relay Motor safety switch
Used with	IZMX16..., IZMX40... INX16..., INX40...

Technical Data - Electrical

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

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

Accessory/spare part type			Remote switching

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

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