

Closing release 48 VDC



Part no. IZMX-SR48DC-1
184283
EL Number 4398626
(Norway)

General specifications	
Product name	Eaton Moeller series IZMX/INX closing release
Part no.	IZMX-SR48DC-1
EAN	4015081784240
Product Length/Depth	100 millimetre
Product height	100 millimetre
Product width	100 millimetre
Product weight	0.068 kilogram
Compliances	RoHS conform
Product Tradename	IZMX/INX
Product Type	Accessories
Product Sub Type	Closing release
Delivery program	
Type	Accessory
Special features	Can be combined with a shunt release and an undervoltage release. Retrofitting kit 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 Overload relay Power circuit breaker
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
Adjustment range undelayed short-circuit release (end value) - max	0 A
Power consumption	530 VA/W AC/DC
Pick-up power consumption at 35 ms - max	530 VA/W
Circuit breaker total switching time	30 ms (Us = 100%) (IZMX16..., INX16...) 35 ms (Us = 100%) (IZMX40..., INX40...)
Initial value of the undelayed short-circuit release - min	0 A
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) / 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 (ecI@ss13-27-37-04-18 [AKF016018])		
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
Initial value of the undelayed short-circuit release - setting range	A	0
End value adjustment range undelayed short-circuit release	A	0
Power consumption	W	530
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
Suitable for power circuit breaker		Yes
Suitable for off-load switch		Yes
Suitable for motor safety switch		No
Suitable for overload relay		Yes