



**Motor operator 48 VDC**

**Part no.** +IZMX-M16-48DC  
**Catalog No.** 123595

**Delivery program**

Product range			Accessories
Accessories			Remote switching
Accessories			Motor operator
			DC
Maximum operating frequency	Actuations/ minute		3
			Please note - the circuit-breaker's switching frequency = 60/h
Rated control voltage	$U_s$	V	48 V DC
Operating range	$x U_s$	Factor	0,85 - 1,1
max. holding current	$I_n$	A	3
max. pick-up current (35ms)	$I_n$	A	15
max. continuous power	AC/DC	VA/W	150
max. pull-in power (35ms)	AC/DC	VA/W	3
For use with			IZMX16... INX16...
Information about equipment supplied			A signaling switch for the labeled "Spring-operated stored energy mechanism tensioned" message is included as standard.

**Technical data**

Necessary time required for charging the spring-operated stored energy mechanism at $1 x U_s$			3 s DC
Rated operational current	$I_n$	A	3 A DC
Starting current		A	15 A DC
Power consumption			150 W DC

**Design verification as per IEC/EN 61439**

Technical data for design verification			
Operating ambient temperature min.		°C	-25
Operating ambient temperature max.		°C	70

**Technical data ETIM 7.0**

Low-voltage industrial components (EG000017) / Motor operator for power circuit-breaker (EC001030)			
Electric engineering, automation, process control engineering / Low-voltage switch technology / Circuit breaker (LV < 1 kV) / Electrical drive for circuit breakers (ecl@ss10.0.1-27-37-04-12 [AKF010013])			
Type of switch drive			Motor drive
Rated control supply voltage $U_s$ at AC 50HZ		V	0 - 0
Rated control supply voltage $U_s$ at AC 60HZ		V	0 - 0
Rated control supply voltage $U_s$ at DC		V	48 - 48
Voltage type for actuating			DC
Voltage type for actuating			DC