



Motor operator 48 VDC

Part no. IZMX-M16-48DC-1
Catalog No. 184248
Alternate Catalog No. 67C2852G34
EL-Nummer (Norway) 4398591

Delivery program

| | | | |
|--------------------------------------|-------------------|--------|------------------------------------------------------------------------------------------------------------------------|
| Product range | | | Accessories |
| Accessories | | | Remote switching |
| Accessories | | | Motor operator |
| | | | The motor automatically tensions the spring force storage mechanism for remote or local actuation. Retrofitting kit |
| 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 |
| For use with | | | IZMX16... INX16... |
| Instructions | | | The retrofit kit includes the required SEC control cable terminals. |
| Information about equipment supplied | | | A signaling switch "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 $1 \times U_s$ | | | 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

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|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---|-------------|
| 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 |