



Closing release 60 VDC

Part no. IZMX-SR60DC-1
Catalog No. 184285
Alternate Catalog No. 67C2822G65
EL-Nummer (Norway) 4398628

Delivery program

| | | | |
|--------------------------------------|-------------------|--------|--|
| Product range | | | Accessories |
| Accessories | | | Remote switching |
| Accessories | | | closing release |
| | | | Can be combined with a shunt release and an undervoltage release. Retrofitting kit |
| Maximum operating frequency | Actuations/minute | | 3 |
| | | | Limited to 3/min due to the high pick-up current for 35 ms. Please note - the circuit-breaker's switching frequency = 60/h |
| Rated control voltage | U_S | V | 60 V DC |
| Operating range | $x U_S$ | Factor | 0,85 - 1,1 |
| max. pick-up current (35ms) | I_n | A | 7.84 |
| max. pull-in power (35ms) | AC/DC | VA/W | 540 |
| Circuit-breaker total switching time | @ $U_S=100\%$ | ms | 30 (IZMX16..., INX16...) 35 (IZMX40..., INX40...) |
| For use with | | | IZMX16..., IZMX40... INX16..., INX40... |
| Instructions | | | The retrofit kit includes the required SEC control cable terminals. |

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) / 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 (ecl@ss10.0.1-27-37-04-18 [AKF016013]) | | | |
| 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 | 60 - 60 |
| 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 |
| 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 | | | No |