



Shunt release 48 VDC

Part no. IZMX-ST48DC
Catalog No. 123656

EL-Nummer (Norway) 0004357371

Delivery program

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| Product range | | Accessories |
| Accessories | | Remote switching |
| Accessories | | Shunt release (for power circuit breaker) |
| | | Can be combined with an undervoltage release or a second shunt release. |
| 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 | 48 V DC |
| Operating range | $x U_s$ Factor | 0,7 - 1,1 |
| max. holding current | I_n A | 0.089 |
| max. pick-up current (35ms) | I_n A | 10 |
| max. continuous power | AC/DC VA/W | 5 |
| max. pull-in power (35ms) | AC/DC VA/W | 530 |
| Circuit-breaker total switching time | @ $U_s=100\%$ ms | 22 |
| For use with | | IZMX16..., IZMX40... INX16..., INX40... |
| Instructions | | An additional control circuit terminal block is required for retrofitting. For fixed mounting circuit-breakers → #156593 and withdrawable unit circuit-breakers → #156590 |
| Notes | | |
| Suitable for continuous commands (100% DF) | | |

Design verification as per IEC/EN 61439

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| 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 | 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 |
| 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 |