# DATASHEET - +IZMX-STS60DC

**Shunt release (for power circuit breaker);(2) 60VDC**

**Part no.** +IZMX-STS60DC
**Catalog No.** 124059

Powering Business Worldwide™

## Delivery program

| | | | |
|---|---|---|---|
| Product range | | | Accessories |
| Accessories | | | Remote switching |
| Accessories | | | 2nd shunt release |
| | | | Cannot be combined with an undervoltage release. |
| Maximum operating frequency | Actuations/ minute | | 3 |
| | | | Limited to 3/min due to the high pick-up current for 35 ms.<br>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 | 0,7 - 1,1 |
| max. holding current | $I_n$ | A | 0.07 |
| max. pick-up current (35ms) | $I_n$ | A | 7.84 |
| max. continuous power | AC/DC | VA/W | 5 |
| max. pull-in power (35ms) | AC/DC | VA/W | 540 |
| Circuit-breaker total switching time | @ $U_S$=100% | ms | 22 |
| For use with | | | IZMX16..., IZMX40...<br>INX16..., INX40... |

**Notes**

Suitable for continuous commands (100% DF)

## 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) / 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 Us at AC 50HZ | | V | 0 - 0 |
| Rated control supply voltage Us at AC 60HZ | | V | 0 - 0 |
| Rated control supply voltage Us at DC | | V | 60 - 60 |
| Voltage type for actuating | | | DC |
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| 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 |