DATASHEET - IZMX-ST24DC-1



Shunt release 24 VDC

No.

(Norway)

IZMX-ST24DC-1 Part no. Catalog No. 184266 Alternate Catalog 67C2820G63 **EL-Nummer** 4398609



Delivery program

| 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. 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 | Us | V | 24 V DC |
| Operating range | x U _S | Factor | 0,7 - 1,1 |
| max. holding current | In | А | 0.18 |
| max. pick-up current (35ms) | In | А | 19 |
| max. continuous power | AC/DC | VA/W | 5 |
| max. pull-in power (35ms) | AC/DC | VA/W | 500 |
| 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

| Rated control supply voltage Us at AC 50HZ Rated control supply voltage Us at AC 60HZ Rated control supply volt | Low-voltage industrial components (EG000017) / Shunt release (for power circuit breaker) (EC001023) | | | | | | |
|--|---|--|---|-------------------------|--|--|--|
| Rated control supply voltage Us at AC 60HZ voltage Us at AC 60HZ voltage Us at AC 60HZ voltage Us at DC voltage Us at | 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 DC 24 - 24 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 Flat plug-in connection Number of contacts as normally open contact O 0 Number of contacts as normally closed contact O 0 Suitable for power circuit breaker O 0 Suitable for off-load switch Yes Yes Suitable for motor safety switch Yes Yes | Rated control supply voltage Us at AC 50HZ | | V | 0 - 0 | | | |
| 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 Fat plug-in connection Fat plug-in connection Number of contacts as normally open contact Fat plug-in connection 0 Number of contacts as normally closed contact Fat plug-in connection 0 Number of contacts as change-over contact Fat plug-in connection 0 Suitable for power circuit breaker Fat plug-in connection Fat plug-in connection Suitable for off-load switch Fat plug-in connection Fat plug-in connection | Rated control supply voltage Us at AC 60HZ | | V | 0 - 0 | | | |
| Initial value of the undelayed short-circuit release - setting range End value adjustment range undelayed short-circuit release Type of electric connection Number of contacts as normally open contact Number of contacts as normally closed contact Number of contacts as normally closed contact Suitable for power circuit breaker Suitable for off-load switch Suitable for motor safety switch | Rated control supply voltage Us at DC | | V | 24 - 24 | | | |
| End value adjustment range undelayed short-circuit release A for a flat plug-in connection Flat plug-i | Voltage type for actuating | | | DC | | | |
| 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 normally closed contact 0 Suitable for power circuit breaker 6 Suitable for off-load switch 6 Suitable for motor safety switch 6 | Initial value of the undelayed short-circuit release - setting range | | А | 0 | | | |
| Number of contacts as normally open contact Image: Contacts as normally open contact Number of contacts as normally closed contact Image: Contacts as normally closed contact Number of contacts as change-over contact Image: Contacts as change-over contact Suitable for power circuit breaker Image: Contacts as normally closed contact Suitable for off-load switch Image: Contacts as normally closed contact Suitable for motor safety switch Image: Contacts as normally closed contact | End value adjustment range undelayed short-circuit release | | А | 0 | | | |
| Number of contacts as normally closed contact Image: Contacts as normally closed contact Number of contacts as change-over contact Image: Contacts as change-over contact Suitable for power circuit breaker Image: Contacts as change-over contact Suitable for off-load switch Image: Contacts as change-over contact Suitable for motor safety switch Image: Contacts as change-over contact | Type of electric connection | | | Flat plug-in connection | | | |
| Number of contacts as change-over contact 0 Suitable for power circuit breaker Ves Suitable for off-load switch Ves Suitable for motor safety switch No | Number of contacts as normally open contact | | | 0 | | | |
| Suitable for power circuit breaker Yes Suitable for off-load switch Yes Suitable for motor safety switch No | Number of contacts as normally closed contact | | | 0 | | | |
| Suitable for motor safety switch No | Number of contacts as change-over contact | | | 0 | | | |
| Suitable for motor safety switch No | Suitable for power circuit breaker | | | Yes | | | |
| | Suitable for off-load switch | | | Yes | | | |
| Suitable for overload relay No | Suitable for motor safety switch | | | No | | | |
| | Suitable for overload relay | | | No | | | |