

Select your language

- German
- English
- Spanish
- French
- Dutch
- Italian
- Polish
- Czech
- Russian
- Norwegian Bokmål

Worldwide English

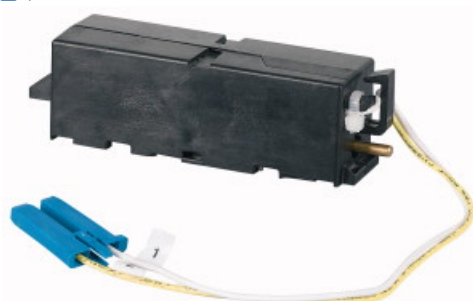


IZMX-ST110AD-1 - Shunt release 110-125 VAC/DC



184272 IZMX-ST110AD-1

[Overview](#) [Specifications](#) [Resources](#)



184272 IZMX-ST110AD-1

Shunt release 110-125 VAC/DC

Alternate Catalog No.

67C2820G61

EL-Nummer (Norway)

4398615

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 U_s 110 - 127 V AC 50/60 Hz, 110 - 125 V DC V, Operating range x U_s 0,7 - 1,1 Factor, max. holding current I_n 0.071 A, max. pick-up current (35ms) I_n 5.54 A, max. continuous power AC/DC 10 VA/W, max. pull-in power (35ms) AC/DC 540 VA/W, Circuit-breaker total switching time @ $U_s=100\%$ 30 (IZMX16..., INX16...), 35 (IZMX40..., INX40...) ms, For use with IZMX16..., IZMX40..., INX16..., INX40...

- [Delivery program](#)
- [Design verification as per IEC/EN 61439](#)
- [Technical data ETIM 7.0](#)

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 [U_s]

110 - 127 V AC 50/60 Hz

110 - 125 V DC V

Operating range [x U_s]

0,7 - 1,1 Factor

max. holding current [I_n]

0.071 A

max. pick-up current (35ms) [I_n]

5.54 A

max. continuous power [AC/DC]

10 VA/W

max. pull-in power (35ms) [AC/DC]

540 VA/W

Circuit-breaker total switching time [@ $U_s=100\%$]

30 (IZMX16..., INX16...)

35 (IZMX40..., INX40...) ms

For use with
ZMX16..., ZMX40...
INX16..., INX40...

Instructions

The retrofit kit includes the required SEC control cable terminals.

Design verification as per IEC/EN 61439

Operating ambient temperature min.

-25 °C

Operating ambient temperature max.

+70 °C

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 U_s at AC 50HZ

110 - 127 V

Rated control supply voltage U_s at AC 60HZ

110 - 127 V

Rated control supply voltage U_s at DC

110 - 125 V

Voltage type for actuating

AC/DC

Initial value of the undelayed short-circuit release - setting range

0 A

End value adjustment range undelayed short-circuit release

0 A

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

Product photo

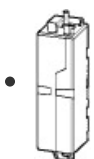


sg05916

Photo

Shunt releases

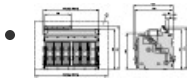
3D drawing



1230DRW-852

Line drawing

Dimensions single product



1230DIM-251

Line drawing

Recommended minimum enclosure size (not shown to scale)

CAD data

edz files

- [DA-CE-ETN.ZMX-ST110AD-1](#)
File
(Web)

Download-Center

- [Download-Center \(this item\)](#)
Eaton EMEA Download-Center - download data for this item
- [Download-Center](#)
Eaton EMEA Download-Center



[Generate data sheet in PDF format](#)



[Generate data sheet in Excel format](#)



[Write a comment](#)

[Imprint](#) [Privacy Policy](#) [Legal Disclaimer](#) [Terms and Conditions](#)

© 2022 by Eaton Industries GmbH

