

# Specifications



## Eaton 184287

Eaton Moeller series IZMX/INX - ACB. Closing release 110-125 VAC/DC, 1

### General specifications

|                      |                                               |
|----------------------|-----------------------------------------------|
| PRODUCT NAME         | Eaton Moeller series IZMX/INX closing release |
| CATALOG NUMBER       | 184287                                        |
| MODEL CODE           | IZMX-SR110AD-1                                |
| EAN                  | 4015081784264                                 |
| PRODUCT LENGTH/DEPTH | 100 mm                                        |
| PRODUCT HEIGHT       | 100 mm                                        |
| PRODUCT WIDTH        | 100 mm                                        |
| PRODUCT WEIGHT       | 0.068 kg                                      |
| COMPLIANCES          | RoHS conform                                  |

## Additional information

### ACCESSORY/SPARE PART TYPE

Remote switching

## Delivery programme

### SPECIAL FEATURES

- Can be combined with a shunt release and an undervoltage release.
- Retrofitting kit
- Limited to 3/min due to the high pick-up current for 35 ms.
- Please note - the circuit-breaker's switching frequency = 60/h
- The retrofit kit includes the required SEC control cable terminals.

|                     |                                                            |
|---------------------|------------------------------------------------------------|
| <b>SUITABLE FOR</b> | Power circuit breaker<br>Off-load switch<br>Overload relay |
| <b>TYPE</b>         | Accessory                                                  |
| <b>USED WITH</b>    | IZMX16..., IZMX40...<br>INX16..., INX40...                 |

## Design verification to IEC/EN 61439 - technical data

**AMBIENT OPERATING  
TEMPERATURE - MAX** 70 °C

**AMBIENT OPERATING  
TEMPERATURE - MIN** -25 °C

## Technical data - electrical

**CIRCUIT BREAKER TOTAL  
SWITCHING TIME** 30 ms (Us = 100%)  
(IZMX16..., INX16...)  
35 ms (Us = 100%)  
(IZMX40..., INX40...)

**CONTROL VOLTAGE  
OPERATING RANGE** 110 - 125 V DC  
0.85 - 1.1 x Us  
110 - 127 V AC (50/60 Hz)

**ELECTRIC CONNECTION  
TYPE** Flat plug-in connection

**PICK-UP POWER  
CONSUMPTION AT 35 MS  
- MAX** 540 VA/W

**POWER CONSUMPTION** 540 VA/W AC/DC

**RATED CONTROL SUPPLY  
VOLTAGE (US) AT AC, 50  
HZ - MAX** 127 V

**RATED CONTROL SUPPLY  
VOLTAGE (US) AT AC, 50  
HZ - MIN** 110 V

**RATED CONTROL SUPPLY  
VOLTAGE (US) AT AC, 60  
HZ - MAX** 127 V

|                                                                     |       |
|---------------------------------------------------------------------|-------|
| <b>RATED CONTROL SUPPLY<br/>VOLTAGE (US) AT AC, 60<br/>HZ - MIN</b> | 110 V |
|---------------------------------------------------------------------|-------|

|                                                              |       |
|--------------------------------------------------------------|-------|
| <b>RATED CONTROL SUPPLY<br/>VOLTAGE (US) AT DC -<br/>MAX</b> | 125 V |
|--------------------------------------------------------------|-------|

|                                                              |       |
|--------------------------------------------------------------|-------|
| <b>RATED CONTROL SUPPLY<br/>VOLTAGE (US) AT DC -<br/>MIN</b> | 110 V |
|--------------------------------------------------------------|-------|

|                     |       |
|---------------------|-------|
| <b>VOLTAGE TYPE</b> | AC/DC |
|---------------------|-------|

## Technical data - mechanical

|                                                 |   |
|-------------------------------------------------|---|
| <b>NUMBER OF ACTUATION<br/>PER MINUTE - MAX</b> | 3 |
|-------------------------------------------------|---|

|                                                          |   |
|----------------------------------------------------------|---|
| <b>NUMBER OF CONTACTS<br/>(CHANGE-OVER<br/>CONTACTS)</b> | 0 |
|----------------------------------------------------------|---|

|                                                              |   |
|--------------------------------------------------------------|---|
| <b>NUMBER OF CONTACTS<br/>(NORMALLY CLOSED<br/>CONTACTS)</b> | 0 |
|--------------------------------------------------------------|---|

|                                                            |   |
|------------------------------------------------------------|---|
| <b>NUMBER OF CONTACTS<br/>(NORMALLY OPEN<br/>CONTACTS)</b> | 0 |
|------------------------------------------------------------|---|

## Resources

|            |                                                                    |
|------------|--------------------------------------------------------------------|
| CATALOGUES | <a href="#">eaton-acb-izm63-catalog-<br/>ca0135003en-en-us.pdf</a> |
|------------|--------------------------------------------------------------------|

|          |                                                                                         |
|----------|-----------------------------------------------------------------------------------------|
| DRAWINGS | <a href="#">eaton-circuit-breaker-<br/>izmx-inx-closing-release-<br/>3d-drawing.eps</a> |
|----------|-----------------------------------------------------------------------------------------|

|            |                                               |
|------------|-----------------------------------------------|
| ECAD MODEL | <a href="#">DA-CE-ETN.IZMX-SR110AD-<br/>1</a> |
|------------|-----------------------------------------------|

|                              |                                                                                         |
|------------------------------|-----------------------------------------------------------------------------------------|
| INSTALLATION<br>INSTRUCTIONS | <a href="#">eaton-izmx16-40-spring-<br/>release-latch-check-<br/>il0131088en-us.pdf</a> |
|------------------------------|-----------------------------------------------------------------------------------------|

|                     |                                                      |
|---------------------|------------------------------------------------------|
| INSTALLATION VIDEOS | <a href="#">Air Circuit Breakers Series<br/>IZMX</a> |
|---------------------|------------------------------------------------------|

|                      |
|----------------------|
| <b>PROJECT NAME:</b> |
|----------------------|

|                        |
|------------------------|
| <b>PROJECT NUMBER:</b> |
|------------------------|

|                     |
|---------------------|
| <b>PREPARED BY:</b> |
|---------------------|

|              |
|--------------|
| <b>DATE:</b> |
|--------------|



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