

# Specifications

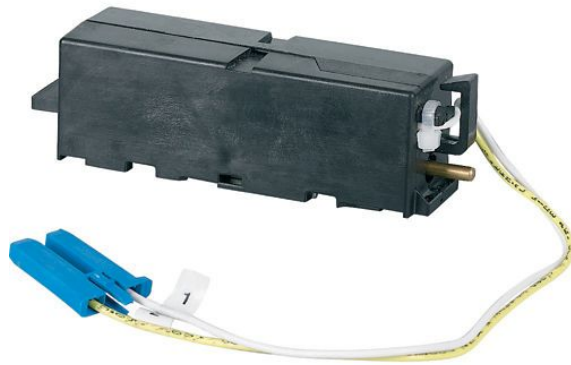


Photo is representative

## Eaton 184274

Eaton Moeller series IZMX/INX - ACB. Shunt release 220-240 VAC/DC, 1

### General specifications

|                      |                                             |
|----------------------|---------------------------------------------|
| PRODUCT NAME         | Eaton Moeller series IZMX/INX shunt release |
| CATALOG NUMBER       | 184274                                      |
| MODEL CODE           | IZMX-ST230AD-1                              |
| EAN                  | 4015081784226                               |
| PRODUCT LENGTH/DEPTH | 150 mm                                      |
| PRODUCT HEIGHT       | 100 mm                                      |
| PRODUCT WIDTH        | 100 mm                                      |
| PRODUCT WEIGHT       | 0.113 kg                                    |
| COMPLIANCES          | RoHS conform                                |

## Additional information

### ACCESSORY/SPARE PART TYPE

Remote switching

## Delivery programme

### SPECIAL FEATURES

- Can be combined with an undervoltage release or a second shunt 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

|                                                                     |                                                                                                      |
|---------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|
| <b>CIRCUIT BREAKER TOTAL<br/>SWITCHING TIME</b>                     | 35 ms ( $U_s = 100\%$ )<br>(IZMX40..., INX40...)<br>30 ms ( $U_s = 100\%$ )<br>(IZMX16..., INX16...) |
| <b>CONTROL VOLTAGE<br/>OPERATING RANGE</b>                          | 208 - 240 V AC (50/60 Hz)<br>0.7 - 1.1 x $U_s$<br>208 - 250 V DC                                     |
| <b>CURRENT RATING - MAX</b>                                         | 0.034 A (maximum holding<br>current)                                                                 |
| <b>ELECTRIC CONNECTION<br/>TYPE</b>                                 | Flat plug-in connection                                                                              |
| <b>PICK-UP POWER<br/>CONSUMPTION AT 35 MS<br/>- MAX</b>             | 500 VA/W                                                                                             |
| <b>POWER CONSUMPTION</b>                                            | 9 VA/W AC/DC                                                                                         |
| <b>RATED CONTROL SUPPLY<br/>VOLTAGE (US) AT AC, 50<br/>HZ - MAX</b> | 240 V                                                                                                |
| <b>RATED CONTROL SUPPLY<br/>VOLTAGE (US) AT AC, 50<br/>HZ - MIN</b> | 208 V                                                                                                |
| <b>RATED CONTROL SUPPLY</b>                                         | 240 V                                                                                                |

|                                 |  |
|---------------------------------|--|
| VOLTAGE (US) AT AC, 60 HZ - MAX |  |
|---------------------------------|--|

|                                                      |       |
|------------------------------------------------------|-------|
| RATED CONTROL SUPPLY VOLTAGE (US) AT AC, 60 HZ - MIN | 208 V |
|------------------------------------------------------|-------|

|                                               |       |
|-----------------------------------------------|-------|
| RATED CONTROL SUPPLY VOLTAGE (US) AT DC - MAX | 250 V |
|-----------------------------------------------|-------|

|                                               |       |
|-----------------------------------------------|-------|
| RATED CONTROL SUPPLY VOLTAGE (US) AT DC - MIN | 220 V |
|-----------------------------------------------|-------|

|                           |                                   |
|---------------------------|-----------------------------------|
| RATED OPERATIONAL CURRENT | 0.034 A (maximum holding current) |
|---------------------------|-----------------------------------|

|                         |                |
|-------------------------|----------------|
| STARTING CURRENT RATING | 3.01 A (35 ms) |
|-------------------------|----------------|

|              |       |
|--------------|-------|
| VOLTAGE TYPE | AC/DC |
|--------------|-------|

## Technical data - mechanical

|                                      |   |
|--------------------------------------|---|
| NUMBER OF ACTUATION PER MINUTE - MAX | 3 |
|--------------------------------------|---|

|                                           |   |
|-------------------------------------------|---|
| NUMBER OF CONTACTS (CHANGE-OVER CONTACTS) | 0 |
|-------------------------------------------|---|

|                                               |   |
|-----------------------------------------------|---|
| NUMBER OF CONTACTS (NORMALLY CLOSED CONTACTS) | 0 |
|-----------------------------------------------|---|

|                                             |   |
|---------------------------------------------|---|
| NUMBER OF CONTACTS (NORMALLY OPEN CONTACTS) | 0 |
|---------------------------------------------|---|

## Resources

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

|          |                                                                       |
|----------|-----------------------------------------------------------------------|
| DRAWINGS | <a href="#">eaton-circuit-breaker-izmx-inx-acb-3d-drawing-010.eps</a> |
|----------|-----------------------------------------------------------------------|

|            |                                    |
|------------|------------------------------------|
| ECAD MODEL | <a href="#">ETN.IZMX-ST230AD-1</a> |
|------------|------------------------------------|

|                           |                                                                  |
|---------------------------|------------------------------------------------------------------|
| INSTALLATION INSTRUCTIONS | <a href="#">eaton-izmx16-izmx40-uvr-st-ots-il0131087en-z.pdf</a> |
|---------------------------|------------------------------------------------------------------|

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

|               |
|---------------|
| PROJECT NAME: |
|---------------|

|                 |
|-----------------|
| PROJECT NUMBER: |
|-----------------|

|              |
|--------------|
| PREPARED BY: |
|--------------|

|       |
|-------|
| DATE: |
|-------|



**Eaton Corporation plc** Eaton House  
30 Pembroke Road  
Dublin 4, Ireland  
Eaton.com

© 2026 Eaton. All Rights Reserved.

Follow us on social media to get the latest product and support information.

