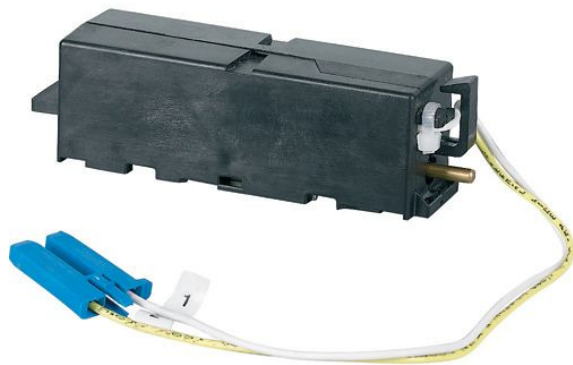


# Specifications



## Eaton 184268

Eaton Moeller series IZMX/INX - ACB. Shunt release 48 VDC

### General specifications

|                      |                                             |
|----------------------|---------------------------------------------|
| PRODUCT NAME         | Eaton Moeller series IZMX/INX shunt release |
| CATALOG NUMBER       | 184268                                      |
| MODEL CODE           | IZMX-ST48DC-1                               |
| EAN                  | 4015081784196                               |
| 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> | Overload relay<br>Power circuit breaker<br>Off-load switch |
| <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>ADJUSTMENT RANGE<br/>UNDELAYED SHORT-<br/>CIRCUIT RELEASE (END<br/>VALUE) - MAX</b> | 0 A                                                                                      |
| <b>CIRCUIT BREAKER TOTAL<br/>SWITCHING TIME</b>                                        | 35 ms (Us = 100%)<br>(IZMX40..., INX40...)<br>30 ms (Us = 100%)<br>(IZMX16..., INX16...) |
| <b>CONTROL VOLTAGE<br/>OPERATING RANGE</b>                                             | 0.7 - 1.1 x Us<br>48 V DC                                                                |
| <b>CURRENT RATING - MAX</b>                                                            | 0.089 A (maximum holding<br>current)                                                     |
| <b>ELECTRIC CONNECTION<br/>TYPE</b>                                                    | Flat plug-in connection                                                                  |
| <b>INITIAL VALUE OF THE<br/>UNDELAYED SHORT-<br/>CIRCUIT RELEASE - MIN</b>             | 0 A                                                                                      |
| <b>PICK-UP POWER<br/>CONSUMPTION AT 35 MS<br/>- MAX</b>                                | 530 VA/W                                                                                 |
| <b>POWER CONSUMPTION</b>                                                               | 5 VA/W AC/DC                                                                             |
| <b>RATED CONTROL SUPPLY</b>                                                            | 0 V                                                                                      |

|                                                             |                                   |
|-------------------------------------------------------------|-----------------------------------|
| <b>VOLTAGE (US) AT AC, 50 HZ - MAX</b>                      |                                   |
| <b>RATED CONTROL SUPPLY VOLTAGE (US) AT AC, 50 HZ - MIN</b> | 0 V                               |
| <b>RATED CONTROL SUPPLY VOLTAGE (US) AT AC, 60 HZ - MAX</b> | 0 V                               |
| <b>RATED CONTROL SUPPLY VOLTAGE (US) AT AC, 60 HZ - MIN</b> | 0 V                               |
| <b>RATED CONTROL SUPPLY VOLTAGE (US) AT DC - MAX</b>        | 48 V                              |
| <b>RATED CONTROL SUPPLY VOLTAGE (US) AT DC - MIN</b>        | 48 V                              |
| <b>RATED OPERATIONAL CURRENT</b>                            | 0.089 A (maximum holding current) |
| <b>STARTING CURRENT RATING</b>                              | 10 A (35 ms)                      |
| <b>VOLTAGE TYPE</b>                                         | 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="#">DA-CE-ETN.IZMX-ST48DC-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:**



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