Specifications

# Eaton 303680



## Catalog Number: 303680

IN63N3-50F-1. Switch-disconnector, 3p, 5000 A, fixed

### General specifications

**Product Name**
Eaton Moeller series IZMX/INX switch-disconnector

**Catalog Number**
303680

**EAN**
9010238192157

**Product Length/Depth**
372 mm

**Product Height**
426 mm

**Product Width**
887 mm

**Product Weight**
125.2 kg

**Compliances**
IEC/EN 60947
RoHS conform

Powering Business Worldwide

## Delivery program

### Type

Air circuit breakers/switch-disconnector

Open switch-disconnector

### Frame

IN63

### Number of poles

Three-pole

### Amperage Rating

5000 A

## Technical data - electrical

### Voltage rating at AC

690 V

### Rated insulation voltage (Ui)

1000 V

### Rated impulse withstand voltage (Uimp)

8000 V AC

### Rated uninterrupted current (Iu) at 50°C

5000 A

### Rated uninterrupted current (Iu) at 60°C

5000 A

### Rated uninterrupted current (Iu) at 70°C

5000 A

### Rated short-time withstand current (t = 1 s)

85 kA

### Rated short-time withstand current at 50/60 Hz (t = 3 s)

65 kA

### Rated short-circuit making capacity up to 440 V, 50/60 Hz

187 kA

### Rated short-circuit making capacity up to 690 V, 50/60 Hz

187 kA

### Power of withdrawable switch with cassette

1000 W

### Closing delay via spring release

40 ms

### Opening delay (total)

40 ms

### Number of standard mechanical operations per hour - max

60

### Utilization category

B

### Overvoltage category

III

### Pollution degree

3

### Direction of incoming supply

As required

### Lifespan, electrical

3000 operations

## Technical data - mechanical

### Mounting Method

Fixed

### Degree of protection

IP20

IP41 with door sealing frame

IP54 with protective cover

### Protection

None

### Lifespan, mechanical

5000 operations

8000 operations (switching capacity, with maintenance)

## Design verification as per IEC/EN 61439 - technical data

### Heat dissipation at rated current with fixed mounting

400 W

### Ambient operating temperature - min

-25 °C

### Ambient operating temperature - max

70 °C

### Ambient storage temperature - min

-40 °C

### Ambient storage temperature - max

70 °C

## Resources

### Catalogs

eaton-acb-izmx-catalog-ca01305001z-en-us.pdf

### Declarations of conformity

DA-DC-03_N3

### Installation videos

Air Circuit Breakers Series IZMX

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

© 2024 Eaton. All Rights Reserved.

Eaton is a registered trademark.

All other trademarks are property of their respective owners.

Eaton.com/socialmedia