Specifications

Eaton 303681



Catalog Number: 303681

IN63N3-63F-1. Switch-disconnector, 3p, 6300 A, fixed

General specifications

Product Name
Eaton Moeller series IZMX/INX switch-disconnector

Catalog Number
303681

EAN
9010238192164

Product Length/Depth
372 mm

Product Height
426 mm

Product Width
887 mm

Product Weight
125.2 kg

Compliances
IEC/EN 60947

Powering Business Worldwide

Delivery program

Type

Air circuit breakers/switch-disconnector

Open switch-disconnector

Frame

IN63

Number of poles

Three-pole

Amperage Rating

6300 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

6200 A

Rated uninterrupted current (Iu) at 60°C

5600 A

Rated uninterrupted current (Iu) at 70°C

5100 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

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