Specifications

Eaton 303685

Catalog Number: 303685

IN63N3-63W-1. Switch-disconnector, 3p, 6300 A, withdrawable



General specifications

Product Name
Eaton Moeller series IZMX/INX switch-disconnector

Catalog Number
303685

EAN
9010238192201

Product Length/Depth
474 mm

Product Height
524 mm

Product Width
909 mm

Product Weight
157.4 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

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

Withdrawable

Degree of protection

IP20

IP41 with door sealing frame

IP54 with protective cover

Protection

None

Weight of cassette version (3-pole)

103 kg

Weight of fixed withdrawable version (3-pole)

157 kg

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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