

# Eaton 240081

Catalog Number: 240081

Eaton Moeller® series DILM Interlock, mechanical, for DILM80-150 DILM150-XMV

### General specifications



#### Product Name

Eaton Moeller® series DILM interlock

#### Catalog Number

240081

#### EAN

4015082400811

#### Product Length/Depth

314 mm

#### Product Height

17.2 mm

#### Product Width

196 mm

#### Product Weight

0.76 kg

#### Certifications

CSA

IEC/EN 60947-4-1

UL Category Control No.: NLDX

CSA File No.: 012528

UL

UL File No.: E29096

CSA-C22.2 No. 14-05

UL 508

CE

CSA Class No.: 2411-03, 3211-04

## Features Functions

Fitted with:

Mounting plate for contactor

## General

Accessory/spare part type

Mechanical locking

Product category

Accessories

## Climatic environmental conditions

Ambient operating temperature - min

-25 °C

Ambient operating temperature - max

60 °C

## Design verification

Equipment heat dissipation, current-dependent P<sub>vid</sub>

0 W

Heat dissipation capacity P<sub>diss</sub>

0 W

Heat dissipation per pole, current-dependent P<sub>vid</sub>

0 W

Rated operational current for specified heat dissipation (I<sub>n</sub>)

0 A

Static heat dissipation, non-current-dependent P<sub>vs</sub>

0 W

10.2.2 Corrosion resistance

Meets the product standard's requirements.

10.2.3.1 Verification of thermal stability of enclosures

Meets the product standard's requirements.

10.2.3.2 Verification of resistance of insulating materials to normal heat

Meets the product standard's requirements.

10.2.3.3 Resist. of insul. mat. to abnormal heat/fire by internal elect. effects

Meets the product standard's requirements.

10.2.4 Resistance to ultra-violet (UV) radiation

Meets the product standard's requirements.

10.2.5 Lifting

Does not apply, since the entire switchgear needs to be evaluated.

10.2.6 Mechanical impact

Does not apply, since the entire switchgear needs to be evaluated.

10.2.7 Inscriptions

Meets the product standard's requirements.

### 10.3 Degree of protection of assemblies

Does not apply, since the entire switchgear needs to be evaluated.

### 10.4 Clearances and creepage distances

Meets the product standard's requirements.

### 10.5 Protection against electric shock

Does not apply, since the entire switchgear needs to be evaluated.

### 10.6 Incorporation of switching devices and components

Does not apply, since the entire switchgear needs to be evaluated.

### 10.7 Internal electrical circuits and connections

Is the panel builder's responsibility.

### 10.8 Connections for external conductors

Is the panel builder's responsibility.

#### 10.9.2 Power-frequency electric strength

Is the panel builder's responsibility.

#### 10.9.3 Impulse withstand voltage

Is the panel builder's responsibility.

#### 10.9.4 Testing of enclosures made of insulating material

Is the panel builder's responsibility.

### 10.10 Temperature rise

Not applicable.

### 10.11 Short-circuit rating

Is the panel builder's responsibility. The specifications for the switchgear must be observed.

### 10.12 Electromagnetic compatibility

Is the panel builder's responsibility. The specifications for the switchgear must be observed.

### 10.13 Mechanical function

The device meets the requirements, provided the information in the instruction leaflet (IL) is observed.

## Resources

### Catalogs

Product Range Catalog Switching and protecting motors

[eaton-product-overview-for-machinery-catalogue-ca08103003zen-en-us.pdf](#)

SmartWire-DT Catalog

### Declarations of conformity

[DA-DC-00004774.pdf](#)

[DA-DC-00004781.pdf](#)

[DA-DC-00004818.pdf](#)

### Drawings

[eaton-contactors-front-plate-dilm-interlock-3d-drawing.eps](#)

### eCAD model

[ETN.DILM150-XMV](#)

### Installation instructions

[eaton-mechanical-interlock-dilm-xmv-il03407029z.pdf](#)

[eaton-contactors-dilm-x-accessories-for-contactors-instruction-leaflet-il03406009z.pdf](#)

### Installation videos

[WIN-WIN with push-in technology](#)

### mCAD model

[dilm150\\_xmv.stp](#)

[dilm150\\_xmv.dwg](#)

### System overview

[eaton-contactors-system55-dilm-explosion-drawing.eps](#)



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