

# Eaton 230114

Catalog Number: 230114

Eaton Moeller® series DILM Replacement coil, Tool-less plug connection, RAC 500: 480 - 500 V 40/60 Hz, AC, For use with: DILM115, DILM150, DILM170



### General specifications

#### Product Name

Eaton Moeller® series DILM  
replacement coil

#### Catalog Number

230114

#### EAN

4015082301149

#### Product Length/Depth

51 mm

#### Product Height

110 mm

#### Product Width

63.2 mm

#### Product Weight

0.245 kg

#### Certifications

CE

UL

CSA

CSA-C22.2 No. 14-05

IEC/EN 60947-4-1

CSA File No.: 012528

UL File No.: E29096

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

UL 508

UL Category Control No.: NLDX

## General

### Accessories

Individual coils

### Product category

Accessories

### Voltage type

AC

## Climatic environmental conditions

Ambient operating temperature - min

-25 °C

Ambient operating temperature - max

60 °C

## Magnet system

Rated control supply voltage (Us) at AC, 50 Hz - min

480 V

Rated control supply voltage (Us) at AC, 50 Hz - max

500 V

Rated control supply voltage (Us) at AC, 60 Hz - min

480 V

Rated control supply voltage (Us) at AC, 60 Hz - max

500 V

Rated control supply voltage (Us) at DC - min

0 V

Rated control supply voltage (Us) at DC - max

0 V

## Design verification

### 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.

### 10.2.5 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

## Resources

### Catalogs

Product Range Catalog Switching and protecting motors

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

[SmartWire-DT Catalog](#)

### Drawings

[eaton-contactors-dilm-replacement-coil-3d-drawing.eps](#)

### eCAD model

[ETN.230114.edz](#)

### Installation instructions

[IL03407042Z](#)

### Installation videos

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

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.

#### 10.11 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.



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