Specifications

# Eaton 281178

## Catalog Number: 281178

Eaton Moeller® series DILM Replacement coil, Tool-less plug connection, 220 V 50/60 Hz, AC, For use with: DILM40, DILM50, DILM65, DILM72




## General specifications

**Product Name**
Eaton Moeller® series DILM replacement coil

**Catalog Number**
281178

**EAN**
4015082811785

**Product Length/Depth**
69 mm

**Product Height**
48 mm

**Product Width**
56 mm

**Product Weight**
0.071 kg

**Certifications**
UL Listed
CSA
CSA-C22.2 No. 14-05
UL
CSA Class No.: 2411-03, 3211-04
IEC/EN 60947-4-1
UL 508
UL Category Control No.: NLDX
CSA File No.: 012528
UL File No.: E29096
CE

Powering Business Worldwide

## 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

220 V

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

220 V

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

220 V

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

220 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

SmartWire-DT Catalog

eaton-product-overview-for-machinery-catalogue-ca08103003zen-en-us.pdf

Product Range Catalog Switching and protecting motors

Declarations of conformity

DA-DC-00004229.pdf

DA-DC-00004070.pdf

DA-DC-00004775.pdf

DA-DC-00004817.pdf

DA-DC-00004782.pdf

Drawings

eaton-contactors-dilm-replacement-coil-3d-drawing.eps

eCAD model

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.

ETN.281178.edz

### Installation instructions

IL03407041Z

### Installation videos

WIN-WIN with push-in technology




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