

# Specifications

Photo is representative

## Eaton 281171

Eaton Moeller® series DILM Replacement coil, Tool-less plug connection, 230 V 50 Hz, 240 V 60 Hz, AC, For use with: DILM40, DILM50, DILM65, DILM72, DILMP63, DILMP80

### General specifications

|                                 |                                                                                                                                                                                               |
|---------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>PRODUCT NAME</b>             | Eaton Moeller® series<br>DILM replacement coil                                                                                                                                                |
| <b>CATALOG NUMBER</b>           | 281171                                                                                                                                                                                        |
| <b>MODEL CODE</b>               | DILM65-<br>XSP(230V50HZ,240V60HZ)                                                                                                                                                             |
| <b>EAN</b>                      | 4015082811716                                                                                                                                                                                 |
| <b>PRODUCT<br/>LENGTH/DEPTH</b> | 69 mm                                                                                                                                                                                         |
| <b>PRODUCT HEIGHT</b>           | 48 mm                                                                                                                                                                                         |
| <b>PRODUCT WIDTH</b>            | 56 mm                                                                                                                                                                                         |
| <b>PRODUCT WEIGHT</b>           | 0.071 kg                                                                                                                                                                                      |
| <b>CERTIFICATIONS</b>           | CSA File No.: 012528<br>UL File No.: E29096<br>CSA-C22.2 No. 14-05<br>UL Category Control No.:<br>NLDX<br>UL<br>UL 508<br>IEC/EN 60947-4-1<br>CE<br>CSA<br>CSA Class No.: 2411-03,<br>3211-04 |
| <b>PRODUCT TYPE</b>             | Accessory                                                                                                                                                                                     |

## General

**ACCESSORIES** Individual coils

**PRODUCT CATEGORY** Accessories

**VOLTAGE TYPE** AC

## Magnet system

**RATED CONTROL SUPPLY  
VOLTAGE (US) AT AC, 50  
HZ - MIN** 230 V

**RATED CONTROL SUPPLY  
VOLTAGE (US) AT AC, 50  
HZ - MAX** 230 V

**RATED CONTROL SUPPLY  
VOLTAGE (US) AT AC, 60  
HZ - MIN** 240 V

**RATED CONTROL SUPPLY  
VOLTAGE (US) AT AC, 60  
HZ - MAX** 240 V

## Climatic environmental conditions

**AMBIENT OPERATING  
TEMPERATURE - MIN** -25 °C

**AMBIENT OPERATING  
TEMPERATURE - MAX** 60 °C

## 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 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.

|                                                                 |                                                                                                          |
|-----------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|
| <b>10.9.4 TESTING OF ENCLOSURES MADE OF INSULATING MATERIAL</b> | Is the panel builder's responsibility.                                                                   |
| <b>10.11 SHORT-CIRCUIT RATING</b>                               | Is the panel builder's responsibility. The specifications for the switchgear must be observed.           |
| <b>10.12 ELECTROMAGNETIC COMPATIBILITY</b>                      | Is the panel builder's responsibility. The specifications for the switchgear must be observed.           |
| <b>10.13 MECHANICAL FUNCTION</b>                                | The device meets the requirements, provided the information in the instruction leaflet (IL) is observed. |

## Resources

|                               |                                                                                                                                                                                                                            |
|-------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| CATALOGS                      | <a href="#">SmartWire-DT Catalog</a><br><a href="#">Product Range Catalog</a><br><a href="#">Switching and protecting motors</a><br><a href="#">eaton-product-overview-for-machinery-catalogue-ca08103003zen-en-us.pdf</a> |
| DRAWINGS                      | <a href="#">eaton-contactors-dilm-replacement-coil-3d-drawing.eps</a>                                                                                                                                                      |
| ECAD MODEL                    | <a href="#">ETN.281171.edz</a>                                                                                                                                                                                             |
| INSTALLATION INSTRUCTIONS     | <a href="#">IL03407041Z</a>                                                                                                                                                                                                |
| INSTALLATION VIDEOS           | <a href="#">WIN-WIN with push-in technology</a>                                                                                                                                                                            |
| SPECIFICATIONS AND DATASHEETS | <a href="#">Eaton Specification Sheet - 281171</a>                                                                                                                                                                         |

|                 |
|-----------------|
| PROJECT NAME:   |
| PROJECT NUMBER: |
| PREPARED BY:    |
| DATE:           |



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