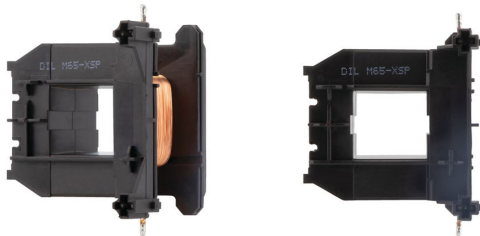


# Specifications



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

|                         |                                                                                                                                                                                               |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PRODUCT NAME            | Eaton Moeller® series<br>DILM replacement coil                                                                                                                                                |
| CATALOG NUMBER          | 281171                                                                                                                                                                                        |
| MODEL CODE              | DILM65-<br>XSP(230V50HZ,240V60HZ)                                                                                                                                                             |
| EAN                     | 4015082811716                                                                                                                                                                                 |
| PRODUCT<br>LENGTH/DEPTH | 69 mm                                                                                                                                                                                         |
| PRODUCT HEIGHT          | 48 mm                                                                                                                                                                                         |
| PRODUCT WIDTH           | 56 mm                                                                                                                                                                                         |
| PRODUCT WEIGHT          | 0.071 kg                                                                                                                                                                                      |
| CERTIFICATIONS          | 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 |
| GLOBAL CATALOG          | 281171                                                                                                                                                                                        |

## Product specifications

|                                                                                         |                                                                                                          |
|-----------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|
| <b>ACCESSORIES</b>                                                                      | Individual coils                                                                                         |
| <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. |
| <b>10.2.2 CORROSION RESISTANCE</b>                                                      | Meets the product standard's requirements.                                                               |
| <b>10.2.3.1 VERIFICATION OF THERMAL STABILITY OF ENCLOSURES</b>                         | Meets the product standard's requirements.                                                               |
| <b>10.2.3.2 VERIFICATION OF RESISTANCE OF INSULATING MATERIALS TO NORMAL HEAT</b>       | Meets the product standard's requirements.                                                               |
| <b>10.2.3.3 RESIST. OF INSUL. MAT. TO ABNORMAL HEAT/FIRE BY INTERNAL ELECT. EFFECTS</b> | Meets the product standard's requirements.                                                               |
| <b>10.2.5 LIFTING</b>                                                                   | Does not apply, since the entire switchgear needs to be evaluated.                                       |
| <b>10.2.6 MECHANICAL IMPACT</b>                                                         | Does not apply, since the entire switchgear needs to be evaluated.                                       |
| <b>10.2.7 INSCRIPTIONS</b>                                                              | Meets the product standard's requirements.                                                               |
| <b>10.3 DEGREE OF PROTECTION OF ASSEMBLIES</b>                                          | Does not apply, since the entire switchgear needs to be evaluated.                                       |
| <b>10.4 CLEARANCES AND CREEPAGE DISTANCES</b>                                           | Meets the product standard's requirements.                                                               |
| <b>10.5 PROTECTION AGAINST ELECTRIC SHOCK</b>                                           | Does not apply, since the entire switchgear needs to be evaluated.                                       |
| <b>10.6 INCORPORATION OF SWITCHING DEVICES AND COMPONENTS</b>                           | Does not apply, since the entire switchgear needs to be evaluated.                                       |
| <b>10.7 INTERNAL ELECTRICAL CIRCUITS AND CONNECTIONS</b>                                | Is the panel builder's responsibility.                                                                   |

## Resources

|                               |                                                                                                                                |
|-------------------------------|--------------------------------------------------------------------------------------------------------------------------------|
| CATALOGS                      | <a href="#">Product Range Catalog</a><br><a href="#">Switching and protecting motors</a>                                       |
|                               | <a href="#">eaton-product-overview-for-machinery-catalogue-ca08103003zen-en-us.pdf</a><br><a href="#">SmartWire-DT Catalog</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>                                                                             |

|                                                                 |                                        |
|-----------------------------------------------------------------|----------------------------------------|
| <b>10.8 CONNECTIONS FOR EXTERNAL CONDUCTORS</b>                 | Is the panel builder's responsibility. |
| <b>10.9.2 POWER-FREQUENCY ELECTRIC STRENGTH</b>                 | Is the panel builder's responsibility. |
| <b>10.9.3 IMPULSE WITHSTAND VOLTAGE</b>                         | 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>VOLTAGE TYPE</b>                                             | AC                                     |
| <b>AMBIENT OPERATING TEMPERATURE - MAX</b>                      | 60 °C                                  |
| <b>AMBIENT OPERATING TEMPERATURE - MIN</b>                      | -25 °C                                 |
| <b>RATED CONTROL SUPPLY VOLTAGE (US) AT AC, 50 HZ - MAX</b>     | 230 V                                  |
| <b>RATED CONTROL SUPPLY VOLTAGE (US) AT AC, 50 HZ - MIN</b>     | 230 V                                  |
| <b>RATED CONTROL SUPPLY VOLTAGE (US) AT AC, 60 HZ - MAX</b>     | 240 V                                  |
| <b>RATED CONTROL SUPPLY VOLTAGE (US) AT AC, 60 HZ - MIN</b>     | 240 V                                  |
| <b>RATED CONTROL SUPPLY VOLTAGE (US) AT DC - MAX</b>            | 0 V                                    |
| <b>RATED CONTROL SUPPLY VOLTAGE (US) AT DC - MIN</b>            | 0 V                                    |
| <b>PRODUCT CATEGORY</b>                                         | Accessories                            |

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



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