

# Specifications

## Eaton 230112

Eaton Moeller® series DILM Replacement coil, Tool-less plug connection, RAC 240: 190 - 240 V 50/60 Hz, AC, For use with: DILM115, DILM150, DILM170, DILMP125 - DILMP200

### General specifications

|                             |                                                                                                                                                                                               |
|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>PRODUCT NAME</b>         | Eaton Moeller® series<br>DILM replacement coil                                                                                                                                                |
| <b>CATALOG NUMBER</b>       | 230112                                                                                                                                                                                        |
| <b>MODEL CODE</b>           | DILM150-XSP(RAC240)                                                                                                                                                                           |
| <b>EAN</b>                  | 4015082301125                                                                                                                                                                                 |
| <b>PRODUCT LENGTH/DEPTH</b> | 51 mm                                                                                                                                                                                         |
| <b>PRODUCT HEIGHT</b>       | 110 mm                                                                                                                                                                                        |
| <b>PRODUCT WIDTH</b>        | 63.2 mm                                                                                                                                                                                       |
| <b>PRODUCT WEIGHT</b>       | 0.245 kg                                                                                                                                                                                      |
| <b>CERTIFICATIONS</b>       | UL<br>CSA File No.: 012528<br>UL 508<br>CSA<br>IEC/EN 60947-4-1<br>UL File No.: E29096<br>CE<br>CSA Class No.: 2411-03,<br>3211-04<br>UL Category Control No.:<br>NLDX<br>CSA-C22.2 No. 14-05 |

## Climatic environmental conditions

|                                            |        |
|--------------------------------------------|--------|
| <b>AMBIENT OPERATING TEMPERATURE - MAX</b> | 60 °C  |
| <b>AMBIENT OPERATING TEMPERATURE - MIN</b> | -25 °C |

## Design verification

|                                                                                         |                                                                                                          |
|-----------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|
| <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.                                                                   |
| <b>10.8 CONNECTIONS FOR</b>                                                             | Is the panel builder's                                                                                   |

|                                                                 |                                        |
|-----------------------------------------------------------------|----------------------------------------|
| <b>EXTERNAL CONDUCTORS</b>                                      | 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. |

## General information

|                         |                  |
|-------------------------|------------------|
| <b>ACCESSORIES</b>      | Individual coils |
| <b>PRODUCT CATEGORY</b> | Accessories      |
| <b>VOLTAGE TYPE</b>     | AC               |

## Magnet system

|                                                             |       |
|-------------------------------------------------------------|-------|
| <b>RATED CONTROL SUPPLY VOLTAGE (US) AT AC, 50 HZ - MAX</b> | 240 V |
| <b>RATED CONTROL SUPPLY VOLTAGE (US) AT AC, 50 HZ - MIN</b> | 190 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> | 190 V |

## Resources

|                           |                                                                                        |
|---------------------------|----------------------------------------------------------------------------------------|
| CATALOGUES                | <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.230112.edz</a>                                                         |
| INSTALLATION INSTRUCTIONS | <a href="#">IL03407042Z</a>                                                            |
| INSTALLATION VIDEOS       | <a href="#">WIN-WIN with push-in technology</a>                                        |

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



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