## Specifications



## Photo is representative





## Eaton 208256

Eaton Moeller® series DILM Replacement coil, RA 250: 110 - 250 V 40-60 Hz/110 - 250 V DC, AC and DC operation, For use with: DILM400, DILM500

| General specifications  |   |
|-------------------------|---|
| PRODUCT NAME            | Eaton Moeller® series DILM replacement coil   |
| CATALOG NUMBER          | 208256  |
| MODEL CODE              | DILM500-XSP/E(RA250)  |
| EAN                     | 4015082082567   |
| PRODUCT<br>LENGTH/DEPTH | 100 mm  |
| PRODUCT HEIGHT          | 175 mm  |
| PRODUCT WIDTH           | 135 mm  |
| PRODUCT WEIGHT          | 1.21 kg   |
| CERTIFICATIONS          | UL 508 CSA UL File No.: E29096 CE CSA File No.: 012528 CSA-C22.2 No. 14-05 UL UL Category Control No.: NLDX CSA Class No.: 3211-04 IEC/EN 60947-4-1 |



| Product specifications  |   |
|---|---|
| ACCESSORIES   | Individual coils  |
| 10.11 SHORT-CIRCUIT<br>RATING   | Is the panel builder's responsibility. The specifications for the switchgear must be observed.  |
| 10.12<br>ELECTROMAGNETIC<br>COMPATIBILITY   | Is the panel builder's responsibility. The specifications for the switchgear must be observed.  |
| 10.13 MECHANICAL<br>FUNCTION  | The device meets the requirements, provided the information in the instruction leaflet (IL) is observed.  |
| 10.2.2 CORROSION<br>RESISTANCE  | Meets the product standard's requirements.  |
| 10.2.3.1 VERIFICATION<br>OF THERMAL STABILITY<br>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.<br>MAT. TO ABNORMAL<br>HEAT/FIRE BY<br>INTERNAL ELECT.<br>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<br>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<br>PROTECTION OF<br>ASSEMBLIES   | Does not apply, since the entire switchgear needs to be evaluated.  |
| 10.4 CLEARANCES AND   | Meets the product standard's  |
| CREEPAGE DISTANCES  | requirements.   |
| 10.5 PROTECTION AGAINST ELECTRIC SHOCK  |   |
| 10.5 PROTECTION<br>AGAINST ELECTRIC   | Does not apply, since the entire switchgear needs to be   |
| 10.5 PROTECTION AGAINST ELECTRIC SHOCK  10.6 INCORPORATION OF SWITCHING DEVICES AND COMPONENTS  10.7 INTERNAL ELECTRICAL CIRCUITS   | requirements.  Does not apply, since the entire switchgear needs to be evaluated.  Does not apply, since the entire switchgear needs to be  |
| 10.5 PROTECTION AGAINST ELECTRIC SHOCK 10.6 INCORPORATION OF SWITCHING DEVICES AND COMPONENTS   | requirements.  Does not apply, since the entire switchgear needs to be evaluated.  Does not apply, since the entire switchgear needs to be evaluated.  Is the panel builder's   |
| 10.5 PROTECTION AGAINST ELECTRIC SHOCK  10.6 INCORPORATION OF SWITCHING DEVICES AND COMPONENTS  10.7 INTERNAL ELECTRICAL CIRCUITS AND CONNECTIONS  10.8 CONNECTIONS FOR EXTERNAL  | requirements.  Does not apply, since the entire switchgear needs to be evaluated.  Does not apply, since the entire switchgear needs to be evaluated.  Is the panel builder's responsibility.   |
| 10.5 PROTECTION AGAINST ELECTRIC SHOCK  10.6 INCORPORATION OF SWITCHING DEVICES AND COMPONENTS  10.7 INTERNAL ELECTRICAL CIRCUITS AND CONNECTIONS  10.8 CONNECTIONS FOR EXTERNAL CONDUCTORS  10.9.2 POWER- FREQUENCY ELECTRIC | requirements.  Does not apply, since the entire switchgear needs to be evaluated.  Does not apply, since the entire switchgear needs to be evaluated.  Is the panel builder's responsibility.  Is the panel builder's responsibility. |

| Resources                     |   |
|-------------------------------|---|
| CATALOGS                      | Product Range Catalog Switching and protecting motors             |
|                               | Switching and protecting motors - catalog                         |
| DECLARATIONS OF<br>CONFORMITY | DA-DC-00004796.pdf  |
|                               | DA-DC-00004804.pdf  |
| DRAWINGS                      | eaton-contactors-dilm-<br>replacement-coil-3d-drawing-<br>002.eps |
| ECAD MODEL                    | ETN.208256.edz  |
| INSTALLATION INSTRUCTIONS     | <u>IL03406002Z</u> <u>IL03407194Z</u>                             |
| SPECIFICATIONS AND DATASHEETS | Eaton Specification Sheet - 208256                                |

| ENCLOSURES MADE OF INSULATING MATERIAL                     | responsibility. |
|--|-----------------|
| VOLTAGE TYPE   | AC/DC           |
| AMBIENT OPERATING<br>TEMPERATURE - MAX                     | 60 °C           |
| AMBIENT OPERATING<br>TEMPERATURE - MIN                     | -40 °C          |
| RATED CONTROL<br>SUPPLY VOLTAGE (US)<br>AT AC, 50 HZ - MAX | 250 V           |
| RATED CONTROL<br>SUPPLY VOLTAGE (US)<br>AT AC, 50 HZ - MIN | 110 V           |
| RATED CONTROL<br>SUPPLY VOLTAGE (US)<br>AT AC, 60 HZ - MAX | 250 V           |
| RATED CONTROL<br>SUPPLY VOLTAGE (US)<br>AT AC, 60 HZ - MIN | 110 V           |
| RATED CONTROL<br>SUPPLY VOLTAGE (US)<br>AT DC - MAX        | 250 V           |
| RATED CONTROL<br>SUPPLY VOLTAGE (US)<br>AT DC - MIN        | 110 V           |
| PRODUCT CATEGORY   | Accessories     |

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



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