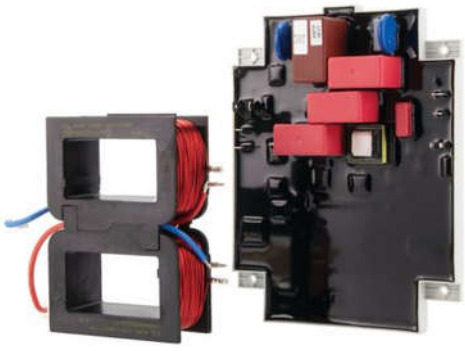
Specifications

Eaton 289147

Catalog Number: 289147

Eaton Moeller® series DILM Replacement coil, RAC 500: 250 - 500 V 40-60 Hz/DC on request, AC operation, For use with: DILM580, DILM650, DILM750, DILM820, DILM1000



General specifications

Product Name
Eaton Moeller® series DILM replacement coil

Catalog Number
289147

EAN
4015082891473

Product Length/Depth
100 mm

Product Height
175 mm

Product Width
135 mm

Product Weight
1.31 kg

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

Powering Business Worldwide

General

Accessories

Individual coils

Product category

Accessories

Voltage type

AC/DC

Climatic environmental conditions

Ambient operating temperature - min

-40 °C

Ambient operating temperature - max

60 °C

Magnet system

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

480 V

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

500 V

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

480 V

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

500 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

Product Range Catalog Switching and protecting motors

Switching and protecting motors - catalog

Drawings

eaton-contactors-dilm-replacement-coil-3d-drawing-002.eps

eCAD model

ETN.289147.edz

Installation instructions

IL03407023Z2021_09.pdf

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.



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