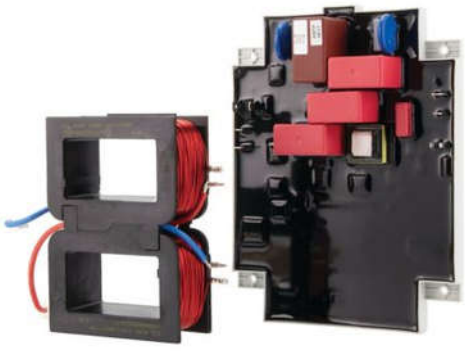
Specifications

Eaton 289146

Catalog Number: 289146

Eaton Moeller® series DILM Replacement coil, RA 110: 48 - 110 V 40-60 Hz/48 - 110 V DC, AC and DC operation, For use with: DILM580, DILM650, DILM750, DILM820, DILM1000



General specifications

Product Name
Eaton Moeller® series DILM replacement coil

Catalog Number
289146

EAN
4015082891466

Product Length/Depth
100 mm

Product Height
175 mm

Product Width
135 mm

Product Weight
1.31 kg

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

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

48 V

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

110 V

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

48 V

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

110 V

Rated control supply voltage (Us) at DC - min

48 V

Rated control supply voltage (Us) at DC - max

110 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

Switching and protecting motors - catalog

Product Range Catalog Switching and protecting motors

Drawings

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

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.



Eaton Corporation plc
Eaton House
30 Pembroke Road
Dublin 4, Ireland
Eaton.com

© 2024 Eaton. All Rights Reserved.

Eaton is a registered trademark.

All other trademarks are property of their respective owners.



Eaton.com/socialmedia