

Eaton 230109

Catalog Number: 230109

Eaton Moeller® series DILM Replacement coil, Tool-less plug connection, RAC 24: 24 V 50/60 Hz, AC, For use with: DILM115, DILM150, DILM170, DILMP125 - DILMP200



General specifications

Product Name	Catalog Number
Eaton Moeller® series DILM replacement coil	230109
	EAN
	4015082301095
Product Length/Depth	Product Height
51 mm	110 mm
Product Width	Product Weight
63.2 mm	0.245 kg

Certifications

UL 508
IEC/EN 60947-4-1
CE
CSA-C22.2 No. 14-05
CSA File No.: 012528
UL File No.: E29096
UL
UL Category Control No.: NLDX
CSA
CSA Class No.: 2411-03, 3211-04

General

Accessories

Individual coils

Product category

Accessories

Voltage type

AC

Climatic environmental conditions

Ambient operating temperature - min

-25 °C

Ambient operating temperature - max

60 °C

Magnet system

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

24 V

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

24 V

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

24 V

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

24 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

[SmartWire-DT Catalog](#)

[eaton-product-overview-for-machinery-catalogue-ca08103003zen-en-us.pdf](#)

[Product Range Catalog Switching and protecting motors](#)

Drawings

[eaton-contactors-dilm-replacement-coil-3d-drawing.eps](#)

eCAD model

[ETN.230109.edz](#)

Installation instructions

[IL03407042Z](#)

Installation videos

[WIN-WIN with push-in technology](#)

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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30 Pembroke Road
Dublin 4, Ireland
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