Specifications

Eaton 281186



Catalog Number: 281186

Eaton Moeller® series DILM Replacement coil, Tool-less plug connection, RDC 60: 48 - 60 V DC, DC, For use with: DILM40, DILM50, DILM65, DILM72

General specifications

Product Name
Eaton Moeller® series DILM replacement coil

Catalog Number
281186

EAN
4015082811860

Product Length/Depth
85 mm

Product Height
52 mm

Product Width
56 mm

Product Weight
0.244 kg

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

Powering Business Worldwide

General

Accessories

Individual coils

Product category

Accessories

Voltage type

DC

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

0 V

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

0 V

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

0 V

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

0 V

Rated control supply voltage (Us) at DC - min

48 V

Rated control supply voltage (Us) at DC - max

60 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

eaton-product-overview-for-machinery-catalogue-ca08103003zen-en-us.pdf

SmartWire-DT Catalog

Declarations of conformity

DA-DC-00004070.pdf

DA-DC-00004229.pdf

DA-DC-00004782.pdf

DA-DC-00004817.pdf

DA-DC-00004775.pdf

Drawings

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

eCAD model

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.

ETN.281186.edz

Installation instructions

IL03407041Z

Installation videos

WIN-WIN with push-in technology



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