Specifications

Eaton 109399



Catalog Number: 109399

Eaton Moeller® series DILM Motor suppressor module, plug-in, for DILM7-DILM15

General specifications

Product Name
Eaton Moeller® series DILM motor suppressor module

Catalog Number
109399

EAN
4015081090020

Product Length/Depth
45 mm

Product Height
47.7 mm

Product Width
38.3 mm

Product Weight
0.047 kg

Certifications
UL Recognized
UL Category Control No.: NMTR2
IEC/EN 60947-4-1
UL File No.: E300273
CE
UL 508

Powering Business Worldwide

General

Accessory/spare part type

Other

Product category

Accessories

Type

RC suppressor

Climatic environmental conditions

Ambient operating temperature - min

-25 °C

Ambient operating temperature - max

60 °C

Design verification

Equipment heat dissipation, current-dependent Pvid

0 W

Heat dissipation capacity Pdiss

0 W

Heat dissipation per pole, current-dependent Pvid

0 W

Rated operational current for specified heat dissipation (In)

0 A

Static heat dissipation, non-current-dependent Pvs

0 W

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.

10.2.4 Resistance to ultra-violet (UV) radiation

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 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.

10.10 Temperature rise

The panel builder is responsible for the temperature rise calculation. Eaton will provide heat dissipation data for the devices.

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.

Resources

Catalogs

SmartWire-DT Catalog

Product Range Catalog Switching and protecting motors

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

Declarations of conformity

DA-DC-00004811.pdf

DA-DC-00004777.pdf

DA-DC-00004792.pdf

DA-DC-00004810.pdf

DA-DC-00004789.pdf

Drawings

eaton-contactors-dilm-accessory-dimensions.eps

eaton-contactors-dilm-accessory-dimensions-002.eps

eaton-contactors-suppressor-dilm-accessory-3d-drawing.eps

eCAD model

ETN.DILM12-XMSM

Installation instructions

IL03407051Z

Installation videos

WIN-WIN with push-in technology

mCAD model

dilm12_xmsm.stp

dilm12_xmsm



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