Specifications

Eaton 150681

Catalog Number: 150681

Eaton Moeller® series DILE Varistor suppressor, 130VAC, for DILE, screw connection



General specifications

Product Name
Eaton Moeller® series DILE Accessory Varistor suppressor circuit

Catalog Number
150681

EAN
4015081474660

Product Length/Depth
16 mm

Product Height
29 mm

Product Width
33 mm

Product Weight
0.01 kg

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

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Features & Functions

Functions

Varistor (voltage-sensitive resistor)

General

Product category

Accessories

Voltage type

AC

Climatic environmental conditions

Ambient operating temperature - min

-25 °C

Ambient operating temperature - max

50 °C

Magnet system

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

130 V

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

130 V

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

130 V

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

130 V

Rated control supply voltage (Us) at DC - min

0 V

Rated control supply voltage (Us) at DC - max

0 V

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.

Resources

Catalogs

Product Range Catalog Switching and protecting motors

Switching and protecting motors - catalog

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

Drawings

eaton-contactors-suppressor-dile-accessory-dimensions.eps

eaton-timers-suppressor-dile-accessory-3d-drawing.eps

eCAD model

DA-CE-ETN.VGDILE130

mCAD model

DA-CS-rcdile

DA-CD-rcdile

Wiring diagrams

eaton-timers-suppressor-dilm-accessory-wiring-diagram.eps

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.

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