Specifications

Eaton 197529

Catalog Number: 197529

Eaton DX Sine filter, three-phase, 500 V + 0% (50/60 Hz) V AC, 110 A, For use with: DA1, DG1



General specifications

Product Name
Eaton DX All-pole sine filter

Catalog Number
197529

EAN
4015081941322

Product Length/Depth
280 mm

Product Height
280 mm

Product Width
506 mm

Product Weight
80 kg

Compliances
CE

Certifications
IEC 61558-1
IEC/EN 61558-2-20-2000
UL 508
CSA-C22.2 No. 14
UL File No.: E219022
UL Category Control No.: NMTR
CSA File No.: UL report applies to both US and Canada

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Product specifications

Used with

DG1

DA1

Product Category

Accessories

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.

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.

Resources

3D models

eaton-197529-drawing.dwg

eaton-197529-3d-model.stp

Catalogs

Product Range Catalog Drives Engineering

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

Declarations of conformity

DA-DC-00004507.pdf

Drawings

eaton-fc-options-sinus-filter-dx-sin3-480-dimensions-9100dim-20.eps

eCAD model

DA-CE-ETN.DX-SIN3-110-A

Installation instructions

eaton-all-pole-sine-filters-dx-sin3-a-instruction-leaflet-il009001zu.pdf

Manuals and user guides

MN040002_EN

MN04020005Z_EN

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.

Accessory/spare part type

Filter

Ambient operating temperature - max

45 °C

Ambient operating temperature - min

-10 °C

Rated inductance

0.4 mH

Equipment heat dissipation, current-dependent Pvid

890 W

Heat dissipation capacity Pdiss

0 W

Number of phases

3

Rated operational current for specified heat dissipation (In)

110 A

Static heat dissipation, non-current-dependent Pvs

0 W

Permissible connection voltage

Max. 500 V AC (5 - 150 Hz)

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