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Specifications

Eaton 269516

Catalog Number: 269516

Eaton Moeller® series AING Power supply unit, 1p, 100VA, prim 230VAC, sec. 24VAC, 24 V DC, 10 V DC



General specifications

Product Name
Eaton Moeller® series AING Power supply unit

Catalog Number
269516

EAN
4015082695163

Product Length/Depth
90 mm

Product Height
155 mm

Product Width
110 mm

Product Weight
3.1 kg

Certifications
VDE 0570 Part 2-2/2-6 (safety transformer)
IEC/EN 60204-1
VDE 0113
Safety transformer to IEC/EN 61558-2-2/2-6

Catalog Notes
Non-standard voltages on request

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Features & Functions

Features

Fully Vacuum-impregnated

Separate windings

Reinforced insulation

General

Ambient operating temperature - min

-25 °C

Ambient operating temperature - max

40 °C

Connection type

Terminations

Degree of Protection

IP20

Degree of Protection

IP20

Duty factor

100 %

Insulation class

B

Primary tapping

± 5 %

Product category

Universal power supply unit AING

Suitable for

Safety functions

Type

Single-phase power supply

Electrical rating

Input current at AC - max

0.44 A

Input voltage at AC 50 Hz - min

230 V

Input voltage at AC 50 Hz - max

230 V

Input voltage at DC - min

0 V

Input voltage 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

50 W

Output current at AC, 50 Hz - max

4.2 A

Output voltage at AC 50 Hz - max

24 V

Output voltage at DC - min

24 V

Output voltage at DC - max

24 V

Rated frequency - min

50 Hz

Rated frequency - max

60 Hz

Rated power

0.1 VA

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.

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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

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

Declarations of conformity

DA-DC-00004423.pdf

DA-DC-00004445.pdf

Drawings

eaton-general-power-supply-aing-dimensions.eps

eCAD model

DA-CE-ETN.AING4

mCAD model

aing4.dwg

aing4.stp

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