

# Specifications

Photo is representative

## Eaton 269517

Eaton Moeller® series AING Power supply unit, 1p, 192VA, prim 230VAC, sec. 24VAC, 24 V DC, 10 V DC

### General specifications

<b>PRODUCT NAME</b>	Eaton Moeller® series AING Power supply unit
<b>CATALOG NUMBER</b>	269517
<b>MODEL CODE</b>	AING8
<b>EAN</b>	4015082695170
<b>PRODUCT LENGTH/DEPTH</b>	90 mm
<b>PRODUCT HEIGHT</b>	155 mm
<b>PRODUCT WIDTH</b>	110 mm
<b>PRODUCT WEIGHT</b>	3.9 kg
<b>CERTIFICATIONS</b>	Safety transformer to IEC/EN 61558-2-2/2-6 VDE 0113 VDE 0570 Part 2-2/2-6 (safety transformer) IEC/EN 60204-1
<b>CATALOG NOTES</b>	Non-standard voltages on request

## Features & Functions

FEATURES	Fully Vacuum-impregnated
	Separate windings
	Reinforced insulation

## Electrical rating

INPUT CURRENT AT AC - MAX 0.83 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

OUTPUT CURRENT AT AC, 50 HZ - MAX 8 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 0.192 VA

## General

AMBIENT OPERATING TEMPERATURE - MIN -25 °C

AMBIENT OPERATING TEMPERATURE - MAX 40 °C

CONNECTION TYPE Terminations

DEGREE OF PROTECTION IP20

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DUTY FACTOR 100 %

INSULATION CLASS B

PRIMARY TAPPING ± 5 %

PRODUCT CATEGORY Universal power supply unit AING

SUITABLE FOR Safety functions

## 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

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 Meets the product

<b>ULTRA-VIOLET (UV) RADIATION</b>	standard's requirements.
<b>10.2.5 LIFTING</b>	Does not apply, since the entire switchgear needs to be evaluated.
<b>10.2.6 MECHANICAL IMPACT</b>	Does not apply, since the entire switchgear needs to be evaluated.
<b>10.2.7 INSCRIPTIONS</b>	Meets the product standard's requirements.
<b>10.3 DEGREE OF PROTECTION OF ASSEMBLIES</b>	Does not apply, since the entire switchgear needs to be evaluated.
<b>10.4 CLEARANCES AND CREEPAGE DISTANCES</b>	Meets the product standard's requirements.
<b>10.5 PROTECTION AGAINST ELECTRIC SHOCK</b>	Does not apply, since the entire switchgear needs to be evaluated.
<b>10.6 INCORPORATION OF SWITCHING DEVICES AND COMPONENTS</b>	Does not apply, since the entire switchgear needs to be evaluated.
<b>10.7 INTERNAL ELECTRICAL CIRCUITS AND CONNECTIONS</b>	Is the panel builder's responsibility.
<b>10.8 CONNECTIONS FOR EXTERNAL CONDUCTORS</b>	Is the panel builder's responsibility.
<b>10.9.2 POWER-FREQUENCY ELECTRIC STRENGTH</b>	Is the panel builder's responsibility.
<b>10.9.3 IMPULSE WITHSTAND VOLTAGE</b>	Is the panel builder's responsibility.
<b>10.9.4 TESTING OF ENCLOSURES MADE OF INSULATING MATERIAL</b>	Is the panel builder's responsibility.
<b>10.10 TEMPERATURE RISE</b>	The panel builder is responsible for the temperature rise calculation. Eaton will provide heat dissipation data for the devices.
<b>10.11 SHORT-CIRCUIT RATING</b>	Is the panel builder's responsibility. The specifications for the switchgear must be observed.
<b>10.12 ELECTROMAGNETIC COMPATIBILITY</b>	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

**CATALOGUES** [eaton-product-overview-for-machinery-catalogue-ca08103003zen-en-us.pdf](#)

**DECLARATIONS OF CONFORMITY** [DA-DC-00004445.pdf](#)  
[DA-DC-00004423.pdf](#)

**DRAWINGS** [eaton-general-power-supply-aing-dimensions-002.eps](#)

**ECAD MODEL** [DA-CE-ETN.AING8](#)

**MCAD MODEL** [aing8.stp](#) [aing8.dwg](#)

**PROJECT NAME:**

**PROJECT NUMBER:**

**PREPARED BY:**

**DATE:**



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