CSA INTERNATIONAL

Certificate of Compliance

Certificate: 2317963 **Master Contract:** 250468

Project: 2317963 **Date Issued:** June 16, 2010

Issued to: **Eaton Corporation**
Industrial Control Division
Electromechanical Controls
4201 N 27th St
Milwaukee, WI 53216
USA

Attention: **Mr. Donald R. Sladek**

The products listed below are eligible to bear the CSA Mark shown with adjacent indicators 'C' and 'US' for Canada and US or with adjacent indicator 'US' for US only or without either indicator for Canada only

C US

Issued by: K. Atkins

PRODUCTS

CLASS 5318 01 POWER SUPPLIES For Hazardous Locations
CLASS 5318 81 POWER SUPPLIES For Hazardous Locations - Certified to U.S. Standards

Class I, Division 2, Groups A, B, C and D

DIN rail Component Type Switching Mode Power Supply for building-in*, Class I (grounded),

Models PSG60E; PSG60F; PSG120E; PSG240E; PSG120F; PSG240F; PSG480E; PSG480F

Ratings:

Model	Input	Operational	Output	Ambient
PSG60E	100-240Vac; 50-60Hz; 1.5A	90-264Vac / 120-375Vdc	24Vdc; 2.5A (22-28Vdc max.; 60W)	-20°C ≤ Ta ≤ 80°C
PSG60F	3 x 400-500Vac; 50-60Hz; 0.3A	3 x 320-575Vac or 2 x 360-575Vac or	24Vdc; 2.5A (22-28Vdc max.; 60W)	-20°C ≤ Ta ≤ 80°C

		450-800Vdc		
PSG120E	100-240Vac; 50-60Hz; 2A	90-264Vac / 120-375Vdc	24Vdc; 5A (22-28Vdc max.; 120W)	-20°C ≤ Ta ≤ 80°C
PSG240E	100-240Vac; 50-60Hz; 5A	90-264Vac / 120-375Vdc	24Vdc; 10A (22-28Vdc max.; 240W)	-20°C ≤ Ta ≤ 80°C
PSG120F	3 x 400-500Vac; 50-60Hz; 0.5A max.	3 x 320-575Vac or 2 x 360-575Vac or 450-800Vdc	24Vdc; 5A, (22-28Vdc max.;120W)	-20°C ≤ Ta ≤ 80°C
PSG240F	3 x 400-500Vac; 50-60Hz; 0.8A max.	3 x 320-575Vac or 2 x 360-575Vac or 450-800Vdc	24Vdc; 10A; (22-28Vdc max.; 240W)	-20°C ≤ Ta ≤ 75°C
PSG480E	100-240Vac; 50-60Hz; 7.0A	90-264Vac / 120-375Vdc	24Vdc; 20A (22-28Vdc max.; 480W)	-20°C ≤ Ta ≤ 80°C
PSG480F	3 x 400-500Vac; 50-60Hz; 1.4A	3 x 320-575Vac or 2 x 380-575Vac or 450-800Vdc	24Vdc; 20A (22-28Vdc max.; 480W)	-20°C ≤ Ta ≤ 80°C

All models have a derating graph for ambient temperatures ≥ 50°C

Notes:

- The unit was evaluated as a component where the suitability of the combination must be determined with the end use product.
- The unit shall be provided with an appropriate disconnect device in the end use installation
- The equipment must be built inside a suitable enclosure
- The rated ambient temperature range deviates from -20°C ≤ Ta ≥ +40°C. Therefore each Apparatus is marked with the respective temperature range on the type label. In this connection it must be considered that above an ambient temperature of +50°C, the output rating must be derated according to the manufacturer's instructions.

APPLICABLE REQUIREMENTS

CAN/CSA-C22.2 No 60950-1-03 - Safety of Information Technology Equipment
CSA-C22.2 No. 107.1-01 - General Use Power Supplies -Industrial Products
CSA Standard C22.2 No. 213-M1987 - Non-Incendive Electrical Equipment for Use in Class I, Division 2 Hazardous Locations
UL Standard No 60950-1, 1st Ed - Safety of Information Technology Equipment
ANSI/ISA–12.12.01–2007 – Nonincendive Electrical Equipment for Use in Class I and II, Division 2 and Class III, Divisions 1 and 2 Hazardous (Classified) Locations

MARKINGS

The Company's name and/or CSA Master Contract Number "250468";
Model or identifying designation;
Complete electrical rating (Input and Outputs);
Date of manufacture, serial number or date code traceable to month and year of manufacture;
Marking Method: CSA/UL Approved adhesive nameplate (suitable for surface to which it is applied)

The CSA Monogram and an appropriate indicator as applicable (See 60950-1-03DM Appendix A in CSA 60950-1-03/UL 60950-1 Design Manual, Ver. 1.0 for details):

For Use in Canada and the U.S.: CSA Monogram, "C/US" indicator and the optional indicators "CSA 60950-1-03" and "ANSI/UL 60950-1".

Where Applicable:
Additional Markings and Documentation: (Due mainly to safety issues)
Fuse (Operator Inaccessible): (CSA, Cl 1.7.6).

Additional Markings and Documentation: (Due to special equipment features or construction)
D14 - Components

Method of marking

CSA/UL Approved adhesive nameplate (suitable for surface to which it is applied)

In addition to the ordinary location markings listed in the reports below, the following markings are required for all units marked for hazardous locations

- Hazardous Location designations
- Temperature Code – T4
- Ambient temperature range with indication of temperature derating above 50°C ambient
- The following warnings: "WARNING - EXPLOSION HAZARD – SUBSTITUTION OF COMPONENTS MAY IMPAIR SUITABILITY FOR CLASS I, DIVISION 2
- WARNING - EXPLOSION HAZARD - DO NOT DISCONNECT EQUIPMENT UNLESS POWER HAS BEEN SWITCHED OFF OR THE AREA IS KNOWN TO BE NON-HAZARDOUS

CSA INTERNATIONAL

Supplement to Certificate of Compliance

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The products listed, including the latest revision described below, are eligible to be marked in accordance with the referenced Certificate.

Product Certification History

Project	Date	Description

Original Project No	Model No	Listee Model No
181564-2313318	EOE11010006	PSG60E
	EOE11010007	PSG60F
	EOE12010002	PSG120E
	EOE12010006	PSG120F
	EOE12010005	PSG240E
	EOE12010007	PSG240F
	EOE13010007	PSG480E
	EOE13010010	PSG480F