

Certificate of Compliance

Certificate: 2247531

Master Contract: 226579

Project: 2450697

Date Issued: September 7, 2011

Issued to: inpotron Schaltnetzteile GmbH

Hebelsteinstr 5
Hilzingen, 78247
Germany
Attention: Bernhard Woehl

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.



Patric Charbonneau

Issued by: Patric Charbonneau, T.P.

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, Temperature code T4

Class I, Zone 2, Ex nA II T4

Class I, Zone 2, AEx nA II T4

Rated Ambient Temperature (Ta) = -20°C to +70°C

DIN rail component type switching mode power supplies*, Class II (double insulated), permanently connected. Models and ratings as follow (see next page):



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PSU-4341-03X and PSU4341-09X:

Input: 100-240Vac; 50-60Hz; 1.3A or 120-350Vdc

Output (60W max.): 24Vdc @ 2.5A (adjustable from 23 to 29Vdc)

PSU-4341-04X and PSU-4341-10X:

Input: 100-240Vac; 50-60Hz; 1.3A or 120-350Vdc

Output (60W max.): 48Vdc @ 1.25A (adjustable from 47 to 52Vdc)

Conditions of Certification:

- Units were evaluated as components where the suitability of the combination must be determined in the end use product by the local authority having jurisdiction.
- A mechanical, electrical and fire enclosure suitable for the location shall be provided by the end product.

Notes:

- Suffix 'X' following the model number indicates the revision status of the units (not safety relevant – can be blank or any character).
- Units are also approved for DC input supply, but to avoid any confusion, this is not marked on the rating label.
- This descriptive report for the certification of the subject products for use in Hazardous Locations is based on safety report 1696297.

APPLICABLE REQUIREMENTS

- CSA Standard C22.2 No. 0-M1991 - General Requirements - Canadian Electrical Code Part II
- CAN/CSA-C22.2 No. 60950-1-03 - Information Technology Equipment – Safety – Part 1: General Requirements.
- CSA Standard C22.2 No. 213-M1987 - Non-Incendive Electrical Equipment for Use in Class I, Division 2 Hazardous Locations
- CAN/CSA-C22.2 No. 60079-0:07 - Electrical apparatus for explosive gas atmospheres –Part 0:General requirements
- CAN/CSA-E60079-15:02 - Electrical apparatus for explosive gas atmospheres –Part 15:Type of protection "n"
- UL Std. 60950-1 (1st Edition) - Information Technology Equipment – Safety – Part 1: General Requirements.



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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

UL Std. No. 60079-0:09 - Electrical apparatus for explosive gas atmospheres Part 0: General
requirements

UL Std. No. 60079-15:09 - Electrical apparatus for explosive gas atmospheres Part 15: Type of
protection "n"