



Certificate of Compliance

Certificate: 2357629

Master Contract: 248705

Project: 80119399

Date Issued: 2022-04-19

Issued To: Profire Energy, Inc.
9671 283 Street
Acheson, Alberta, T7X 6J5
Canada

Attention: Ryan Northcott

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.

Issued by: Joe DaSilva
Joe DaSilva



PRODUCTS

CLASS - C909801 - MISCELLANEOUS For Hazardous Locations

CLASS - C909881 - MISCELLANEOUS For Hazardous Locations - Certified to US Standards

PART A:

Class I, Division 2, Groups A, B, C and D; T4A, Type 4X

Profire PF2100 Industrial Burner Control, Models 1PS21-***** where ***** can be any combination of numbers and letters, input rated: 12/24Vdc, 5A, output rated: pilot Valve: 12/24Vdc, 2A(INC), high fire valve: 12/24Vdc, 2A(INC), low fire valve: 12/24Vdc, 2A(INC), combination maximum output 5A(INC), ambient: -40°C to +55°C. Provided with software Class 2, version Terminal Card TC 1.8.005 and Door Card DC 1.8.005 dated Jun 20, 2012.



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**Class I, Division 2, Groups A, B, C and D; T4A,
Ex nA IIC T4 IP66
Class I, Zone 2, AEx nA IIC, T4, IP66**

Profire PF2100 Industrial Burner Control, Models 1PS21-*****Z where ***** can be any combination of numbers and letters, input rated: 12/24Vdc, 5A, output rated: pilot Valve: 12/24Vdc, 2A(INC), high fire valve: 12/24Vdc, 2A(INC), low fire valve: 12/24Vdc, 2A(INC), combination maximum output 5A(INC), ambient: -40°C to +55°C.

Provided with software Class 2, version Terminal Card TC 1.8.005 and Door Card DC 1.8.005 dated Jun 20, 2012.

[REDACTED]

PART A:

Profire PF2100 Industrial Burner Control, Models 1PS21-***** or-*****Z where ***** can be any combination of numbers and letters, input rated: 12/24Vdc, 5A, output rated: pilot Valve: 12/24Vdc, 2A(INC), high fire valve: 12/24Vdc, 2A(INC), low fire valve: 12/24Vdc, 2A(INC), combination maximum output 5A(INC), ambient: -40°C to +55°C. Enclosure 4X for model 1PS21-*****.

Provided with software Class 2, version Terminal Card TC 1.8.005 and Door Card DC 1.8.005 dated Jun 20, 2012.

[REDACTED]



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Safety function	Timings (secs)
Max flame failure response time	4 sec
Pre-purge time	10 sec (Min), 900 sec (Max)
Post-purge time	10 sec (Min), 900 sec (Max)
Max trial for ignition period	10 sec
Max lock-out time	4 Sec

1. The supplied DC voltage is coming from battery or Class 2 circuit.
2. Above model is Certified as a component model to be used in CSA Certified equipment where the suitability of the combination is evaluated by CSA-International.

APPLICABLE REQUIREMENTS

CSA C22.2 No. 0 - 10	General Requirements - Canadian Electrical Code Part II.
CSA C22.2 No. 0.4-2004	Bonding of Electrical Equipment (Protective Grounding)
CSA C22.2 No. 94-M91	Special Purpose Enclosures
UL 50 11 th Edition	Enclosures for Electrical Equipment
CSA C22.2 No. 60529, Ed. 2.1	Degrees of protection provided by enclosures (IP Code)
CSA C22.2 No. 199, 3rd Edition /	Automatic Electrical Controls for Household and Similar Use – Part 2:
ANSI Z21.20, 15th Edition /	Particular Requirements for Automatic Burner Ignition Systems and
UL 372, 6th Edition	Components
CSA C22.2 No. 213-M1987	Non-Incendive Electrical Equipment for Use in Class I, Division 2
	Hazardous Locations
ANSI/ISA 12.12.01 - 2007	Non-Incendive Electrical Equipment for Use in Class I and II, Division 2,
	Class III Divisions 1 and 2 Hazardous (Classified) Locations
CSA C22.2 No. 60079-0:11	Electrical Apparatus for Electrical Gas Atmospheres Part 0: General
	Requirements
CSA C22.2 No. 60079-15:12	Electrical Apparatus for Explosive Gas Atmospheres - Part 15:
	Construction, test and marking of type of protection “n” electrical
	apparatus
UL No. 60079-0, Ed. 6	Electrical Apparatus for Electrical Gas Atmospheres Part 0: General
	Requirements
UL No. 60079-15, Ed. 4	Electrical Apparatus for Explosive Gas Atmospheres - Part 15:
	Construction, test and marking of type of protection “n” electrical
	apparatus

Products certified under Class C263202, C263282, C909801, C909881 have been certified under CSA’s ISO/IEC 17065 accreditation with the Standards Council of Canada (SCC).
www.scc.ca

