



Certificate of Compliance

Certificate: 2682098

Master Contract: 177618

Project: 2682098

Date Issued: February 10, 2014

Issued to: Heinzmann GmbH & Co. KG.

Am Haselbach 1
79677 Schoenau im Schwarzwald, Baden-Wurttemberg
Germany
Attention: Ronny Granz

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.



Jay McVeigh

Issued by: Jay McVeigh

PRODUCTS

CLASS 2258 02 - PROCESS CONTROL EQUIPMENT - For Hazardous Locations

CLASS 2258 82 - PROCESS CONTROL EQUIPMENT - For Hazardous Locations -
Certified to US Standards

Class 1, Division 2, Groups A, B, C, D; Temperature Code T3C; Maximum Ambient Temperature 95°C

Control unit (Ignition control unit), Model PHLOX II IC-08, PHLOX II IC-08A, PHLOX II IC-08B, Input Rated 24 VDC, 2.4 A.

Control unit (Ignition control unit), Model PHLOX II IC-12, PHLOX II IC-12A, PHLOX II IC-12B, Input Rated 24 VDC, 3.5 A.

Control unit (Ignition control unit), Model PHLOX II IC-16, PHLOX II IC-16A, PHLOX II IC-16B, Input Rated 24 VDC, 4.7 A.

Output for above units @ engine speed 3000 rpm maximum: Peak primary ignition voltage 300 V maximum @ 280 mJ maximum



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Notes:

- 1) This device is OPEN type equipment that must be used within a suitable end-use system enclosure, the interior of which is accessible only through the use of a tool. The suitability of the enclosure is subject to investigation by the local Authority Having Jurisdiction at the time of installation.
- 2) Wiring to or from this device, which enters or leaves the system enclosure, must utilize wiring methods suitable for Class I, Division 2 Hazardous Locations, as appropriate for the installation.
- 3) The secondary or high voltage portion of the system is not considered part of this Certification
- 4) Final approval of the system shall be provided by the Local Authority having jurisdiction

APPLICABLE REQUIREMENTS

C22.2 No. 0-10 - General Requirements - Canadian Electrical Code, Part II

C22.2 No 0.4-04 - Bonding of electrical equipment

C22.2 No. 213 (R2013) - Non-incendive electrical equipment for use in class I, division 2 hazardous locations

CAN/CSA C22-2 No. 61010-1-12 - Safety requirements for electrical equipment for measurement, control, and laboratory use — Part 1: General requirements

ANSI/ISA-12.12.01-2013 - Non-Incendive Electrical Equipment for Use in Class I and II, Division 2 and Class III, Division 1 and 2 Hazardous (Classified) Locations

UL 61010-1 3rd Edition - Electrical Equipment for Measurement, Control, and Laboratory Use; Part 1: General Requirements



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
2682098	Feb 10, 2014	Initial Hazloc Certification of Phlox Series of Ignition Control Units