



Certificate of Compliance

Certificate: 70046212 (022354_0_000)

Master Contract: 162037

Project: 70046212

Date Issued: 2015-09-25

Issued to: Barksdale, Inc.
3211 Fruitland Ave.
Los Angeles, California 90058
USA

Attention: Jose Rivera

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:

Richard Dibler, Jr.
Richard Dibler, Jr.

PRODUCTS

CLASS - C225802 - PROCESS CONTROL EQUIPMENT-For Hazardous Locations-

CLASS - C225882 - PROCESS CONTROL EQUIPMENT-For Hazardous Locations - Certified to US Standards

For details related to rating, size, configuration, etc. reference should be made to the CSA Certification Record or the descriptive report.

Class I, Division 2; Groups A, B, C, D; T Code T4

Speed Switch / Transmitter Models SST7a00b-c. Ambient temperature -40 to +70°C. Rated +10 to +36 Vdc, 11W max.

Where:

a = 0, 1, 2, or 4 (Depicts number of Relays available)

b = blank or D (Depicts a Display option for SST7200 and SST7400 models only)

c = blank or I (Depicts if Isolation is available or not)

Speed Switch / Transmitter Models SST7a00D-AC-b. Ambient temperature -40 to +70°C. Rated 115 Vac, 11W max.

Where:



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a = 2, or 4 (Depicts number of Relays available)
b = blank or I (Depicts if Isolation is available or not)

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.

APPLICABLE REQUIREMENTS

CAN/CSA-C22.2 No. 0-10	General Requirements – Canadian Electrical Code, Part II
CSA C22.2 No. 142-M1987	Process Control Equipment
CSA-C22.2 No. 213-M1987	Non-incendive Electrical Equipment for Use in Class I, Division 2 Hazardous Locations
ANSI/UL 916-2007 Ed. 4	Energy Management Equipment
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

MARKINGS

The manufacturer is required to apply the following markings:

- Products shall be marked with the markings specified by the particular product standard.
- Products certified for Canada shall have all Caution and Warning markings in both English and French.

Additional bilingual markings not covered by the product standard(s) may be required by the Authorities Having Jurisdiction. It is the responsibility of the manufacturer to provide and apply these additional markings, where applicable, in accordance with the requirements of those authorities.

The following markings are provided on an adhesive nameplate, T/T imprintable platinum polyester, 3 mil to 4 mil with UV flexographic (except red) printing, manufactured by Weber Marking Systems, Inc, designated type Silver Ultraplate, CSA Accepted (Class 7921.04) and UL Recognized (PGDQ2). Nameplate is affixed to the side of the module.

- Manufacturer’s name: “Barksdale, Inc”, or CSA Master Contract Number “162037”, adjacent to the CSA Mark in lieu of manufacturer’s name.
- Model number: As specified in the PRODUCTS section, above.
- Electrical ratings: As specified in the PRODUCTS section, above.
- Ambient temperature rating: “-40 to +70°C” or “-40 ≤ Ta ≤ +70°C”.
- Manufacturing date in MMY format, or serial number, traceable to month of manufacture.
- The CSA Mark with or without “C” and / or “US” indicators, as shown on the Certificate of Conformity.






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- Hazardous location designation, as specified in the PRODUCTS section, above (may be abbreviated as “CL. I, DIV. 2, GRP. A, B, C, D”, or similar).
- Temperature code: As specified in the PRODUCTS section, above.
- ISO 3864 Symbol B.3.1  or ISO 7000 symbol 0434  (triangle with exclamation point).
- Terminal designations shall be permanently marked adjacent to each field wiring terminal, and a wiring diagram shall be provided on or with each unit to indicate proper connection.
- The designation “GND” adjacent to the equipment ground terminal.
- ISO 60417, Symbol 5031  may be marked adjacent to the DC input terminal rating.
- The following words:
 - “WARNING - EXPLOSION HAZARD - Substitution of components may impair suitability for Class I, Division 2.”
 - “AVERTISSEMENT - RISQUE D'EXPLOSION - La substitution de composants peut rendre ce matériel inacceptable pour les emplacements de Classe I, Division 2.”
 - “WARNING - EXPLOSION HAZARD - Do not connect or disconnect while circuit is live unless area is known to be nonhazardous.”
 - “AVERTISSEMENT - RISQUE D'EXPLOSION - Ne pas brancher ou débrancher tant que le circuit est sous tension, à moins qu'il ne s'agisse d'un emplacement non dangereux.”

An installation manual or data sheet shall be supplied with each unit, containing the following minimum marking information:

- Manufacturer’s name and address.
- Electrical ratings: As specified in the PRODUCTS section, above.
- Relay contact ratings: May be specified by Dynalco to be any rating up to American Zettler’s maximum ratings of 6 A, 150 Vdc or 300 Vac, 180 W or 1800 VA.
- Specification for ambient temperature rating: “-40 to +70°C” or “-40 ≤ Ta ≤ +70°C”.
- Specification for appropriate wiring to the field wired terminals, including definition of terminal functions, and specification for suitable wire gauge.
- The manual must clearly indicate that any suitable magnetic pick-up shall not be operated open-circuit (or at an impedance higher than 100k Ω), and not at more than its maximum rated frequency.
- Mounting and installation instructions, including dimensions, and the following words, or equivalent:
 - 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.
 - 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.
- ISO 3864 Symbol B.3.1  or ISO 7000 symbol 0434  (triangle with exclamation point) followed by these words, or suitable equivalent:
 - This equipment is suitable for installation in Class I, Division 2, Groups A, B, C, and/or D hazardous locations, or nonhazardous locations only.
 - “WARNING - EXPLOSION HAZARD - Substitution of components may impair suitability for Class I, Division 2.”
 - “AVERTISSEMENT - RISQUE D'EXPLOSION - La substitution de composants peut rendre ce matériel inacceptable pour les emplacements de Classe I, Division 2.”



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- “WARNING - EXPLOSION HAZARD - Do not connect or disconnect while circuit is live unless area is known to be nonhazardous.”
- “AVERTISSEMENT - RISQUE D'EXPLOSION - Ne pas brancher ou débrancher tant que le circuit est sous tension, à moins qu'il ne s'agisse d'un emplacement non dangereux.”
- “WARNING - EXPLOSION HAZARD - Do not use USB port (COMM port) unless area is known to be non-hazardous.”

“AVERTISSEMENT - RISQUE D'EXPLOSION - Ne pas utiliser le port USB (port “COMM”) à moins que la zone est connue pour être non dangereux.”



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
70046212	2015-09-25	Original Certification for CSA c-us of SST7000 Series for Class I Division 2.