



CSA INTERNATIONAL

# Certificate of Compliance

Certificate: 1398387

Master Contract: 165016

Project: 1546812

Date Issued: 2004/08/16

Issued to: Federal Signal Corporation

2645 Federal Signal Dr  
University Park, Illinois 60466-3195  
USA  
Attention: Ms. Susan Wong

*The products listed below are eligible to bear the CSA Mark shown with adjacent indicators 'C' and 'US'*



Issued by:

D. Somma, C.E.T.

Authorized by: Nick Alfano, Operations Manager

## PRODUCTS

**CLASS 4818 83** - SIGNAL APPLIANCES-Miscellaneous - For Hazardous Locations-Certified to U.S. Standards

**CLASS 4818 03** - SIGNAL APPLIANCES - Miscellaneous - For Hazardous Locations

**CLASS 4818 03** - SIGNAL APPLIANCES - Miscellaneous - For Hazardous Locations

**CLASS 4818 83** - SIGNAL APPLIANCES - Miscellaneous - For Hazardous Locations - Certified to US Standards

**Class I, Div. 2, Groups A and B;Temp. Coded T2, T2A or T2B:**

The 'C' and 'US' indicators adjacent to the CSA Mark signify that the product has been evaluated to the applicable CSA and ANSI/UL Standards, for use in Canada and the U.S., respectively. This 'US' indicator includes products eligible to bear the 'NRTL' indicator. NRTL, i.e. National Recognized Testing Laboratory, is a designation granted by the U.S. Occupational Safety and Health Administration (OSHA) to laboratories which have been recognized to perform certification to U.S. Standards.



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**Class I, Div. 1, Groups C and D; Class II, Groups E, F and G; Class III; Type 4X; Temp. Coded T6 or T4A:**

- Strobe signalling device, Model 27XST or FSEX; rated 24 Vdc, 1.25 A; 120 V ac, 1.14 A or 230-240 V ac, 0.520 A, 50/60 Hz.

Note: Operating Ambients: -40°C to + 65°C CSA; CSA

US

-25 to + 65°C

**APPLICABLE REQUIREMENTS**

CSA Std. C22.2 No 25 Enclosures for Use in Class II, Groups, E, F, and G Hazardous Locations

CSA Std. C22.2 No 30-M Explosion-Proof Enclosures for Use in Class I Hazardous Locations

CSA Std. C22.2 No 213-M Non-Incendive Electrical Equipment for Use in Class I, Division 2 Hazardous Locations

CSA Std. C22.2 No 94-M91 Special Purpose Enclosure

CSA Std. C22.2 No 205-M Signal Equipment

UL Standard 1604 Electrical Equipment For Use in Class I and II, Div. 2, Class III Hazardous Locations

Standard 1638 Visual Signaling Appliances

UL Standard 1203 Explosion-Proof and Dust-Ignition Proof Electrical Equipment for use in Hazardous (Classified) Locations

**MARKINGS**

The following markings are provided on an aluminium nameplate having a thickness of 0.023 in and secured to the main housing by metal drive pins or tacks engaging bottomed holes.

- Company name;
- Model number;
- Serial number;
- Electrical rating;
- Hazardous locations designation;
- Special purpose enclosure designation, "TYPE 4X";
- CSA Monogram with "C" "US" indicator



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- Maximum Operating Temperature or Temperature Code Rating;
- Caution re keeping cover tight while circuits are live;
- Caution re do not disconnect while circuits are live unless the area is known to be Non-Hazardous
- Ambient range: Canada (-40°C to + 65°C); US (-25 to + 65°C);
- "WARNING: HIGH VOLTAGE SHOCK HAZARD – WAIT 5 MINUTES AFTER REMOVING POWER BEFORE REMOVING DOOR."