



CSA INTERNATIONAL

Certificate of Compliance

Certificate: 1195955 (LR 11170-26)

Master Contract: 165016

Project: 1546815

Date Issued: 2004/08/24

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

N. Alfano

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 I, Div. 2, Groups A, B, C and D, Temperature Coded T3A; Class II, Div. 2, Groups F and G; Class III, Div. 2; Enclosure Type 4X:

- Strobe Light, Model 225XST or 22XST-I ; 224XST, Rated 120V ac/0.25A; 240V ac/0.20A, 50/60hz, 12-24 volts DC 1.7/0.7 A, 24Vdc 0.7A; indoor/outdoor.

Note: OPERATING AMBIENT TEMPERATURE: -40 °C to +65°C

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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APPLICABLE REQUIREMENTS

CAN/CSA-C22.2 No. 94-M91 - Special Purpose Enclosures

CSA Std C22.2 No. 205-M1983 - Signal Equipment

CSA Std C22.2 No. 213-M1987 - Non-Incendive Electrical Equipment for Use in Class I, Division 2 Hazardous Locations

UL Std No. 50 - Enclosures for Electrical Equipment (Edition 10)

UL Std No. 1604 - Electrical Equipment for Use in Class I and

UL Std No. 1638 - Visual Signalling Appliances

MARKINGS

Appears on a CSA Certified adhesive-backed label.

- Company Name

- Model number

- Serial number

- Electrical rating

- CSA Monogram

- Hazardous Location designation

- Option Special purpose enclosure designation, "Type 4X"

- CSA Monogram with the C/US indicators

- Temperature Code Rating

- "CAUTION: To prevent Ignition of Hazardous Atmospheres, Disconnect The Fixture From The Supply Circuit Before Opening. Keep Tightly Closed When In Operation" or equivalent.

- "Warning: High Voltage Shock Hazard. Wait 5 minutes After Removing Power Before Removing Dome" or equivalent.

- Warning: Not to be used As A Visual Public Mode Alarm Notification Appliance"

- "WARNING – EXPLOSION HAZARD – SUBSTITUTION OF COMPONENTS MAY IMPAIR SUITABILITY



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FOR CLASS I, DIVISION 2"

- Operating Ambient temperature -40C to +65C