



Certificate of Compliance

Certificate: 1236756 (LR 49334)

Master Contract: 168872

Project: 2616742

Date Issued: May 23, 2013

Issued to: **Metrix Instrument Co.**
8824 Fallbrook Dr.
Houston, TX 77064
USA
Attention: Lance Truong

The products listed below are eligible to bear the CSA Mark shown



John Yam

Issued by: John Yam

PRODUCTS

CLASS 2258 02 - PROCESS CONTROL EQUIPMENT - For Hazardous Locations

PART A:

Class I, Division 2, Groups B, C and D; Enclosure Type 4X:

Solid state vibration alarm switches, Models 440D-R, 440D, 440S-R and 440S, for alarm and shutdown, rated 100-130V ac, 50/60Hz, standard or 200-260V ac, 50/60Hz optional. Dc power input optional. 440S, 3W; 440D, 4W. Switch is mounted in a cast aluminum enclosure. Relay Output: 125Vac, 10A; 30VDC, 5A.

PART B:

Class I, Division 1, Groups B, C and D; Class II, Division 1, Groups E, F and G; Class III:

Solid state vibration alarm switches, Models 450D-R, 450D, 450S-R and 450S, rated 100-130V ac, 50/60Hz (standard) or 200-260V ac, 50/60Hz and 24V dc (optional) power input (450S-3W and 450D-4W). Outputs: Triac, rated 120V ac, 5A; 15V dc, 10mA; 4 to 20mA. Relay Output: 125Vac, 10A; 30Vdc, 5A.

CLASS 9091 01 - MISCELLANEOUS

METRIX DOC NO: 1184759
REV: B



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PART C:

Solid state vibration alarm switches, Models 440D-R, 440D, 440S-R and 440S. For alarm and shutdown. Rated 100-130V ac, 50/60Hz, Std. or 200-260V ac, 50/60Hz optional. DC input power optional. 440S, 3W; 440D, 4W. Switch is mounted in enclosure Types 2, 3, 4X or 5, cast aluminum.

APPLICABLE REQUIREMENTS

CAN/CSA-C22.2 No. 0-10 - General Requirements - Canadian Electrical Code Part II

CAN/CSA-C22.2 No. 14-10 - Industrial Control Equipment

CAN/CSA-C22.2 No. 25-1966 - Enclosures for Use in Class II, Groups E, F and G Hazardous Locations

CAN/CSA-C22.2 No. 30-M1986 - Explosion-Proof Enclosures for Use in Class I Hazardous Locations

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

CAN/CSA-C22.2 No. 142-M1987 - Process Control Equipment

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



Supplement to Certificate of Compliance

Certificate: 1236756

Master Contract: 168872

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
2616742	May 23, 2013	Update to report 1236756 to include alternate relay option, JS1-24V-F or T7NS5D1-24, or Class I, Division 2 certified relay for Model 440. To include minor drawings change and add Illus. #29 and 30 on Part C.
2510967	Mar 26, 2012	Update of report 1236756 to add a mechanical relay option as well as a window cover option.
2413212	May 12, 2011	Update report 1236756 to include alternate certified housing (Curlee MWD-42-553) and add Gas Group B to the Part B method of protection rating; per only a paperwork review.
1671360	Jul 10, 2005	Update to 1236756 to include modifications to PCB layouts and to remove Model Series 162VTR.

History

1491347 - November 18, 2003 - Update to 1236756 to allow Type 4 and 4X Ratings for Model 440 Series Vibration Switches.

1236756 - September 17, 2001 - Transfer of Certification of Products Currently Certified in Legacy Files LR 82150 and LR 87288 to MC 168872.

The following pages are the prior revisions of this certificate.



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Project: 2510967

Date Issued: March 26, 2012

Issued to: **Metrix Instrument Co.**
8824 Fallbrook Dr.
Houston, TX 77064
USA
Attention: David Dobsky

The products listed below are eligible to bear the CSA Mark shown



Nicholas Cameron

Issued by: Nicholas Cameron

PRODUCTS

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PART B:

Class I, Division 1, Groups B, C and D; Class II, Division 1, Groups E, F and G; Class III:

Solid state vibration alarm switches, Models 450D-R, 450D, 450S-R and 450S, rated 100-130V ac, 50/60Hz (standard) or 200-260V ac, 50/60Hz and 24V dc (optional) power input (450S-3W and 450D-4W). Outputs: Triac, rated 120V ac, 5A; 15V dc, 10mA; 4 to 20mA. Relay Output: 125Vac, 10A; 30Vdc, 5A.



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CAN/CSA-C22.2 No. 25-1966 - Enclosures for Use in Class II, Groups E, F and G Hazardous Locations

CAN/CSA-C22.2 No. 30-M1986 - Explosion-Proof Enclosures for Use in Class I Hazardous Locations

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

CAN/CSA-C22.2 No. 142-M1987 - Process Control Equipment

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