



Certificate of Compliance

Certificate: 1039509 (LR83777-19)

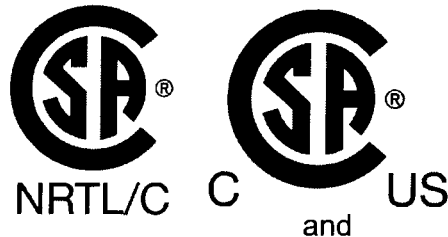
Master Contract: 179806

Project: 2147021


Date Issued: 2009/05/27

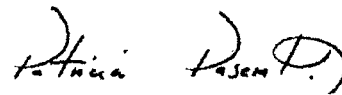
Issued to: Fisher Service Company
1612 S 17th Ave
Marshalltown, IA 50158
USA
Attention: Dennis Sickels

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: Ron Wildish

Authorized by: 
Patricia Pasemko, Operations Manager



PRODUCTS

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

CLASS 2258 02 - PROCESS CONTROL EQUIPMENT - For Hazardous Locations

Class I, Div 2, Groups C and D:

FB501, FB503, and ROC503 Controllers, rated 15V dc max, 0.2 VA; Type 4. Includes solar panels with non-incendive wiring for Class I, Div 2 applications. With or without Integral Sensor Model Nos DS __or



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Turbine Interface Module (T.I.M.). Install per Drawing No A6045; -40 Deg. C < Tambient < +75 Deg. C; -40 Deg. C < Process Temp. < +100 Deg. C; MWP 3626 psi; Single Seal (with integral Sensor only).

Class I, Div. 2, Groups A, B, C and D:

FB501A, FB503A, ROC503A and W40079AC Controllers, rated 115/230V ac 47 - 63Hz, 0.2 VA; Type 4, with or without Integral Sensor model Nos DS ___, Turbine Interface Modules, Models TM ___ or SM ___. Install per Dwg No A6058 or A6081; -40 Deg. C < Tambient < +75 Deg. C; -40 Deg. C < Process Temp. < +100 Deg. C; MWP 3626 psi; Single Seal (with integral Sensor only).

W40079DC Controller, rated 15V dc max, 0.2 VA; Type 4. With or without Integral Sensors Models DS ___, Turbine Interface Modules, Models TM ___ or SM ___. Install per drawing No A6080; -40 Deg. C < Tambient < +75 Deg. C; -40 Deg. C < Process Temp. < +100 Deg. C; MWP 3626 psi; Single Seal (with integral Sensor only).

Note: Installation and wiring shall comply with National and Canadian Electrical Codes as applicable.

- Power Supply, Model W38133X0012, rated 115/230V ac, 47 - 63Hz, output 12V dc, 1A, Temp Code T4A. Operating ambient -40°C to 65°C.

Note: For mounting in a suitable enclosure where final assembly is subject to acceptance of CSA or the inspection authority having jurisdiction.

APPLICABLE REQUIREMENTS

CAN/CSA-C22.2 No. 0-M91 - General Requirements – Canadian Electrical Code, Part II

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

CSA Std C22.2 No. 142-M1987 - Process Control 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 (11th Ed.) - Enclosures for Electrical Equipment

UL Std No. 508 (17th Ed.) - Industrial Control Equipment

UL Std No. 916 (4th Ed.) - Process Control Equipment

UL Std No. 1604 (3rd Ed.) - Electrical Equipment for Use in Class I and II, Division 2; Class III Hazardous (Classified) Locations



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ANSI/ISA 12.12.01-2007 - Nonincendive Electrical Equipment for Use in Class I and II, Division 2 and Class III, Divisions 1 and 2 Hazardous (Classified) Locations

ANSI/ISA 12.27.01-2003 - Requirements for Process Sealing Between Electrical Systems and Flammable or Combustible Process Fluids



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
2147021	2009/05/27	Update to include drawing updates and Single Seal Marking .
1702594	2005/08/26	Report update to cover revised drawings (latest editions)

History

1429008 June 5, 2003 Report update to cover minor alternate construction, use of alternate sensors and report corrections.

1250310 Oct. 26/01 Added remote sensor interface PCB and minor updates.

1205747 Aug. 27/01 Minor updates, new 24 channel I/O card.

1120335 Oct. 26/00 Alternate Lexan window and updates.

1039509 March 27/00 Addition of LOI Switch Module, SM Series T.I.M. 's and updates.

-36 Sept. 22/99 Revision and inclusion of certification drawing.

-34 Aug. 5/99 Alternate Gasket for Enclosure

-33 April 20/99 Addition of models W40079AC & W40079DC and minor updates

-31 September 10/98 Minor Revisions.

-30-27 March 25/98Nov. 21/97 Change in Model Numbers and Minor Updates.Addition of I/O PCB and minor updates.

-26 Oct. 29/97 Addition of T.I.M. module and minor updates.

-34 Aug. 5/99 Alternate Gasket for Enclosure

-33 April 20/99 Addition of models W40079AC & W40079DC and minor updates

-25 Aug. 25/97 Controller Model No ROC503A and Power Supply Model No W38133X0012.