



Certificate of Compliance

Certificate: 1103317

Master Contract: 188796

Project: 70213371

Date Issued: 2019-04-18

Issued to: Telematic Controls Inc.
3368 114 Avenue SE
Douglasdale Business Park
Calgary, AB T2Z 3V6
Canada

Attention: Mark Rietveld

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: *Madhumathi Kulothungan*
Madhumathi Kulothungan

PRODUCTS

CLASS 2258 02 - PROCESS CONTROL EQUIPMENT - For Hazardous Locations

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

Class I, Groups B, C and D;
Ex d IIB + H₂; AEx d IIB + H₂ (Class I, Zone 1, Group IIB + H₂);
Enclosure Type 4/IP55;

Flow, Level, Interface and Temperature Switches CLC Series 800;
Input/Supply Rated 12/24 Vdc or 120/240Vac, 50/60 Hz., 6W max.; Output/Contacts Rated 120Vac max, 30Vdc max, 4A max.

Temperature Code T3; Operation Ambient -55 °C to +65 °C; Maximum Working Pressure 24 MPa (3481 PSI), Single Seal when used with the approved probes

APPLICABLE REQUIREMENTS

- CSA Standard C22.2 No 0-M1991 - General Requirements - Canadian Electrical Code Part II.
- CSA Standard C22.2 No 0.4-04 - Bonding and Grounding of Electrical Equipment (Protective Grounding).
- CSA Standard C22.2 No 0.5-M1982 - Threaded Conduit Entries
- CSA Standard C22.2 No 30-M1986 - Explosion-proof Enclosures for Use in Class I Hazardous Locations.
- CSA Standard C22.2 No 94-M1991 - Special Purpose Enclosures.



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- CSA Standard C22.2 No 142-M1987 - Process Control Equipment.
- CSA Standard C22.2 No. 60529:05 - Degrees of Protection Provided by Enclosures (IP Code)
- CAN/CSA E60079-0: 07 - Electrical apparatus for explosive gas atmospheres - Part 0 - General requirements.
- CAN/CSA E60079-1: 07 - Electrical apparatus for explosive gas atmospheres - Part 1 - Flameproof enclosures d.

- UL 50, Eleventh Edition - Enclosures for Electrical Equipment
- UL 508, Seventeenth Edition - Industrial Control Equipment
- UL 1203, Fourth Edition - Explosion-Proof and Dust-Ignition-Proof Electrical Equipment For Use In Hazardous (Classified) Locations.
- UL 60079-0 - Fourth Edition - Electrical Apparatus for Explosive Gas Atmospheres - Part 0 - General Requirements.
- UL 60079-1 - Fifth Edition - Electrical Apparatus for Explosive Gas Atmosphere- Part 1 - Flameproof Enclosures d.

- ANSI/IEC 60529-2004 - Degrees of Protection Provided by Enclosures (IP Code)
- ANSI/ISA 12.27.01: 2003 - Requirements for Process Sealing Between Electrical Systems and Flammable or Combustible Process Fluids.

MARKINGS

Refer to CSA report 1103317 for Marking details.



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
70213371	April 18, 2019	Update to report 1103317 to include following modifications: <ol style="list-style-type: none">1. Update the probe assembly to change the pipe diameter to 1/2 or 3/8 NPS pipe diameter with NPT process connection threads.2. Removal of obsolete models KXT (Part A) and FXT (Part C)3. Update to descriptive documents.
70203767	Nov 26, 2018	Update to report 1103317 to remove the KXT Series 900 and CLC Series 800 logic boards from the controlled documents and to add instructions for field services to flag any significant logic board revisions, which would impair the method of protection.
2563889	Mar 11, 2013	Update report 1103317: include alternative AC to DC power supply, revised circuit board and drawings.
2056462	Jan 28, 2009	Update report 1103317 to include "Single Seal" evaluation and testing to ANSI/ISA 12.27.01-2003 of the Model Series 800, continuation to project 1961719.
1798485	Sep 18, 2006	Update Report 1103317 to include ingress rating IP55 and alternative Components.
1182547	Aug 14, 2001	Update to include evaluation for U.S. Standards..
1182546	Aug 14, 2001	Update to include logic board changes and include designations KXT Series 900, CLS Series 800 and FXT Series 220.
1156279	Dec 15, 2000	Update to include alternative power supply components for 120/240Vac operation; include address change.
1103317	Aug 1, 2000	Report re-issued (Supersedes Report LR 112008-2); Update to include alternative enclosure lid.
LR 112008-2	Oct 23, 1998	Original evaluation of Series KXT, CLC and FXT.