



Certificate of Compliance

Certificate: 1773282 (LR 41037)

Master Contract: 202481

Project: 2147037

Date Issued: 2009/05/05

Issued to: ControlAir Inc.

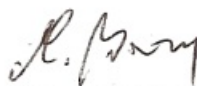
8 Columbia Dr
Amherst, NH 03031
USA

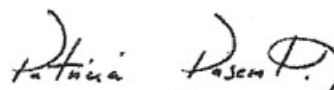
Attention: Kevin McInnis

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



Issued by: Marin Banu, P. Eng.


Authorized by: Patricia Pasemko, Operations Manager



PRODUCTS

CLASS 2258 02 - PROCESS CONTROL EQUIPMENT - For Hazardous Locations

CLASS 2258 04 - PROCESS CONTROL EQUIPMENT - Intrinsically Safe, Entity - For Hazardous Locations

CLASS 2258 04 - PROCESS CONTROL EQUIPMENT - Intrinsically Safe Entity - For Hazardous Locations

Class I, Division 1, Groups A, B, C and D

- T590 I/P Converter, input rated 4-20mA, 40Vdc maximum, intrinsically safe with entity parameters $V_{max} =$



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40V, $I_{max} = 150\text{mA}$, $P_{max} = 0.7\text{W}$, $C_i = 0\text{nF}$, $L_i = 0\text{mH}$ when connected per installation drawing number 431-990-047, Maximum Ambient Temperature 75°C , Temperature Code T4

Note: T590I/P Converter is open type equipment and shall be enclosed in a suitable enclosure where the final combination shall be accepted by local authority having jurisdiction.

Class I, Division 1, Groups A, B, C and D; Class II, Division 1, Groups E, F and G; Class III; Encl. Type 4X and IP65

- T595XP I/P Converter, input rated 4-20mA, 40Vdc maximum, intrinsically safe with entity parameters $V_{max} = 40\text{V}$, $I_{max} = 150\text{mA}$, $P_{max} = 0.7\text{W}$, $C_i = 0\text{nF}$, $L_i = 0\text{mH}$ when connected per installation drawing number 431-990-055, Maximum Ambient Temperature 75°C , Temperature Code T4.

CLASS 2258 02 - PROCESS CONTROL EQUIPMENT - For Hazardous Locations

Class I, Division 1 and 2, Groups A, B, C and D; Class II, Division 1 and 2, Groups E, F and G; Class III; Encl. Type 4X and IP65

- T595XP I/P Converter, input rated 4-20mA, 40Vdc maximum, Maximum Ambient Temperature 75°C , Temperature Code T4.

Class I, Division 2, Groups A, B, C and D;

- T590 I/P Converter, input rated 4-20mA, 40Vdc maximum, Maximum Ambient Temperature 75°C , Temperature Code T4

Note: T590 I/P Converter is open type equipment and shall be enclosed in a suitable enclosure where the final combination shall be accepted by local authority having jurisdiction.

APPLICABLE REQUIREMENTS

CSA Std C22.2 No. 0 -M91 (R 2006) - General Requirements – Canadian Electrical Code – Part II

CSA Std C22.2 No. 142-M1987 (R 2004) - Process Control Equipment



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| CSA std C22.2 No. 157-92 (R2006) | - Intrinsically Safe and Non-incendive Equipment for Use in Class I Hazardous Locations |
| CSA Std C22.2 No.213-M1987 (R 2004) | - Non-Incendive Electrical Equipment for Use in Class I, Division 2 Hazardous Locations |
| CSA Std C22.2 No. 30-M1986 (R2003) | - Explosion-Proof Enclosure for Use in Class I Hazardous Locations |
| CSA Std C22.2 No. 25 (R2004) | - Enclosures for Use in Class II Groups E, F, and G Hazardous Locations |
| CSA Std C22.2 No. No. 94 (R2006) | - Special Purpose Enclosures |
| CAN/CSA E60079-0:02 (R 2006) | - Electrical apparatus for explosive gas atmospheres - Part 0: General Requirements |
| CAN/CSA E60079-1:02 (R 2006) | - Electrical apparatus for explosive gas atmospheres - Part:1 Flameproof Enclosures 'd' |
| CAN/CSA E60079-11:02 (R 2006) | - Electrical apparatus for explosive gas atmospheres - Part 11: Intrinsic Safety 'i' |
| CAN/CSA E61241-1-1:02 (R 2006) | - Electrical Apparatus for Use in the Presence of Combustible Dust – Part 1-1: Electrical Apparatus Protected by Enclosures and Surface Temperature Limitation |
| CSA-C22.2 No. 60529:05 | - Degrees of Protection Provided by Enclosures (IP Code) |

MARKINGS

- CSA Monogram
- Company name
- Model name or number
- Serial number or Date of manufacturing
- Electrical Ratings
- Hazardous Location Designation: Class I, Division 1, Groups A, B, C and D; (May be optionally marked with the additional Zone markings (e.g. Class I, Zone 1, IIC).



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- Temperature Code
- Encl. Type 4X and IP65
- Maximum Ambient Temperature
- Statement re. Intrinsically Safe and "Ex ia"
- Entity Parameters
- Reference to installation drawing
- Caution re. substitution of components
- Caution re. do not disconnect
- Caution re. do not open