



Certificate of Compliance

Certificate:	1916494	Master Contract:	237484
Project:	1916494	Date Issued:	2007/05/30
Issued to:	Automation Products Group Inc 1025 West 1700 North Logan, UT 84321 USA Attention: Karl Reid		

The products listed below are eligible to bear the CSA Mark shown with adjacent indicators 'C' and 'US'



Issued by: *P Andrew Redeker*
Andrew Redeker

Authorized by: Patricia Pasemko, Operations Manager

Patricia Pasemko

PRODUCTS

- CLASS 2258 84** - PROCESS CONTROL EQUIPMENT - Intrinsicly Safe, Entity - - For Hazardous Locations - Certified to US Standards
- CLASS 2258 04** - PROCESS CONTROL EQUIPMENT - Intrinsicly Safe, Entity - For Hazardous Locations

Class I, Division 1, Groups C,D; Ex ia IIB T4; Class I, Zone 0, AEx ia IIB T4

Hammer Union, Model HU-Ln-IS (Where Ln = L1, L3, L24 or L27) ; Ambient range -40Å°C to +85Å°C; Temperature Code Rating T4; Enclosure Type 4X (IP 44); MWP 20,000 PSI; Intrinsicly Safe with the

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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following Entity Parameters: V_{max} , $U_i = 30V_{dc}$, I_{max} , $I_i = 110mA$, P_{max} , $P_i = 1W$, $C_i = 25nF$, $L_i = 3uH$

Note: suffixes are added to indicate options not affecting safety.

APPLICABLE REQUIREMENTS

C22.2 No 0 - M1991 - General Requirements - Canadian Electrical Code Part II.

C22.2 No 94 - M1991 - Special Purpose Enclosures.

C22.2 No 142 - M1987 - Process Control Equipment.

C22.2 No 157 - M1992 - Intrinsically Safe and Non-Incendive Equipment for Use in Hazardous Locations.

CAN/CSA E60079-0:07 - Electrical apparatus for explosive gas atmospheres. PART 0: General requirements.

CAN/CSA E60079-11:02 - Electrical apparatus for explosive gas atmospheres. PART 11: Intrinsic safety "i".

UL 50, Eleventh Edition - Enclosures for Electrical Equipment

UL 508, Seventeenth Edition - Industrial Control Equipment.

UL 913, Seventh Edition - Intrinsically Safe Apparatus and Associated Apparatus for use in Class I, II, III, Division 1, Hazardous (Classified) Locations.

UL 60079-0 Fourth Edition - Electrical apparatus for explosive gas atmospheres. PART 0: General requirements.

UL 60079-11 First Edition - Electrical apparatus for explosive gas atmospheres. PART 11: Intrinsic safety "i".

MARKINGS