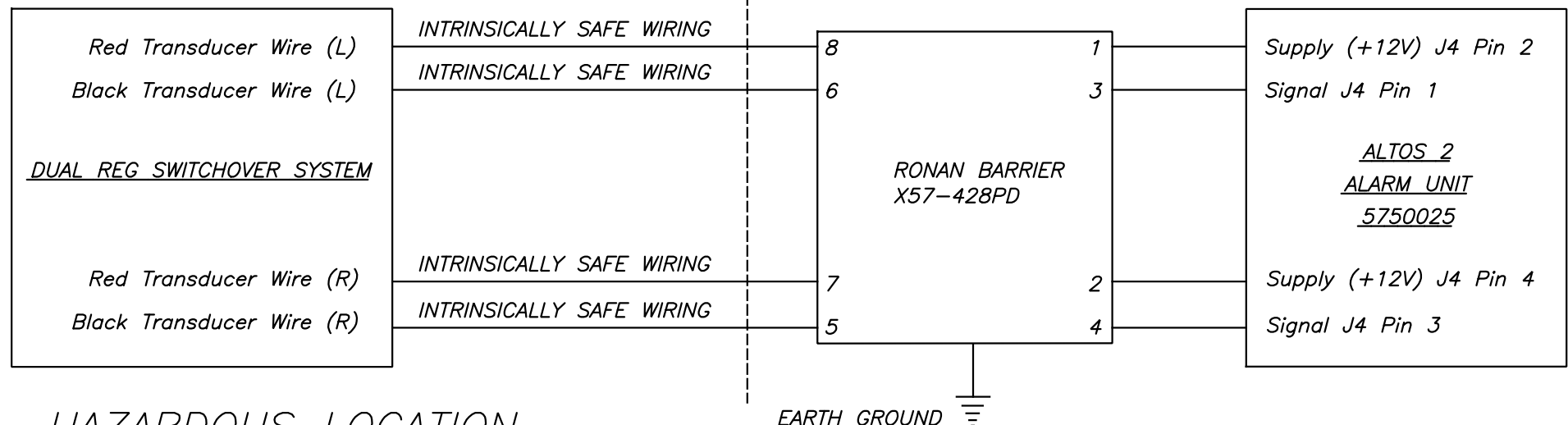


THIS DOCUMENT CONTAINS CONFIDENTIAL OR PROPRIETARY INFORMATION OF CONTROLS CORP. OF AMERICA. NEITHER THE DOCUMENT NOR THE INFORMATION THEREIN IS TO BE REPRODUCED, DISTRIBUTED, USED, OR DISCLOSED, EITHER IN WHOLE OR IN PART EXCEPT AS SPECIFICALLY AUTHORIZED, AND MUST BE RETURNED PROMPTLY WITH FINISHED MATERIAL, QUOTATION OR UPON REQUEST.

PT NO  
99063242

REVISIONS					
NO	ECN NUMBER	DESCRIPTION	INITIALS	DATE	APPROVED
0	16-487	ISSUED	CLG	10/13/2016	-----
1	19-204	Added reference to detailed wiring instructions in the Altos 2 ADI. Updated view of switchover.	AEW	7/12/2019	A. Whitaker 7/11/2019
2	19-242	Added reference to the manufacturer's web site & part nos. to find wiring instructions.	AEW	8/27/2019	A. Whitaker 8/22/2019

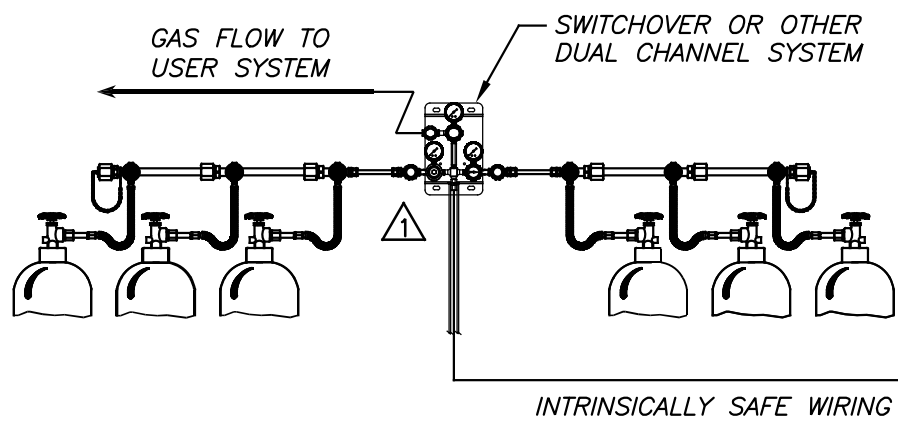
POTENTIALLY FLAMMABLE ATMOSPHERE



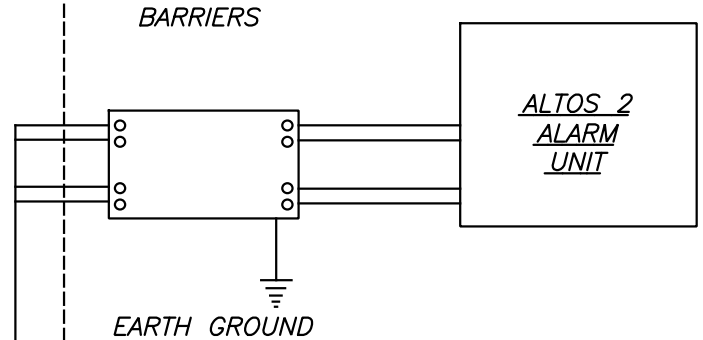
SCHEMATIC FOR DUAL REGULATOR SWITCHOVER

HAZARDOUS LOCATION  
CLASS I, II, & III - A THRU G

VISUAL REPRESENTATION



SAFE LOCATION



⚠ SEE ALSO DETAILED WIRING INSTRUCTIONS IN THE ALTOS 2 ALARM INSTRUCTIONS DOCUMENT 99060025 (ADI 0025).

NOTES ON SYSTEM

- SYSTEM MUST BE INSTALLED IN ACCORDANCE WITH NATIONAL ELECTRIC CODE ANSI/NFPA 70, ARTICLE 504. BARRIERS MUST BE INSTALLED IN ACCORDANCE WITH MANUFACTURER GUIDELINES (RONAN PART NOS. X57-428PD [BARRIER] + X57SM-1 [CHASSIS] - www.ronan.com).
- MAXIMUM CABLE LENGTH TO BE 500 FT. (152 METERS).

NOTES ON CONTROL EQUIPMENT:

- MAINS POWER MUST NOT EXCEED 250 VOLTS WITH RESPECT TO GROUND.
- CONNECT TO EARTH GROUND ACCORDING TO BARRIER MANUFACTURER'S INSTRUCTIONS (RONAN PART NOS. X57-428PD [BARRIER] + X57SM-1 [CHASSIS] - www.ronan.com). RESISTANCE BETWEEN BARRIER GROUND AND GROUNDING ELECTRODE SHALL NOT EXCEED 1 OHM.

SCALE: N/A	THIRD ANGLE PROJECTION 	TOLERANCE UNLESS OTHERWISE SPEC'D DIMENSIONS ARE IN INCHES DIM. & TOL. PER ANSI Y14.5	DRAWN BY: C. Gamboni 10/13/16	SEE ABOVE SEE ABOVE
TITLE BLOCK REVISION: #7	REVISION DATE: 1/31/2003	FINISH: XXX DECIMALS: ±.005 XX DECIMALS: ±.010	DESIGN ENGINEERING: C. Gamboni 10/13/16	MATERIAL / DESCRIPTION
CAD FILENAME: 99063242.dwg	WHERE USED:	FRACTIONS: ±1/64 ANGLES: ±2° FILLET RADII: R 1/64 BREAK EDGES: .002-.010	MANUFACTURING ENG: D. Ficea 10/13/16	CONTROLS CORPORATION OF AMERICA PRODUCT ENGINEERING DEPARTMENT VIRGINIA BEACH, VA 23454
		CAGE NUMBER ØA389	QUALITY ASSURANCE: J. Boone 10/13/16	
			TITLE ADI, _INTRIN_SAFETY_ 4-20mA_DUAL_CHANNEL	ISSUING REFERENCE DOCUMENT # ECO 16-487
				SIZE B