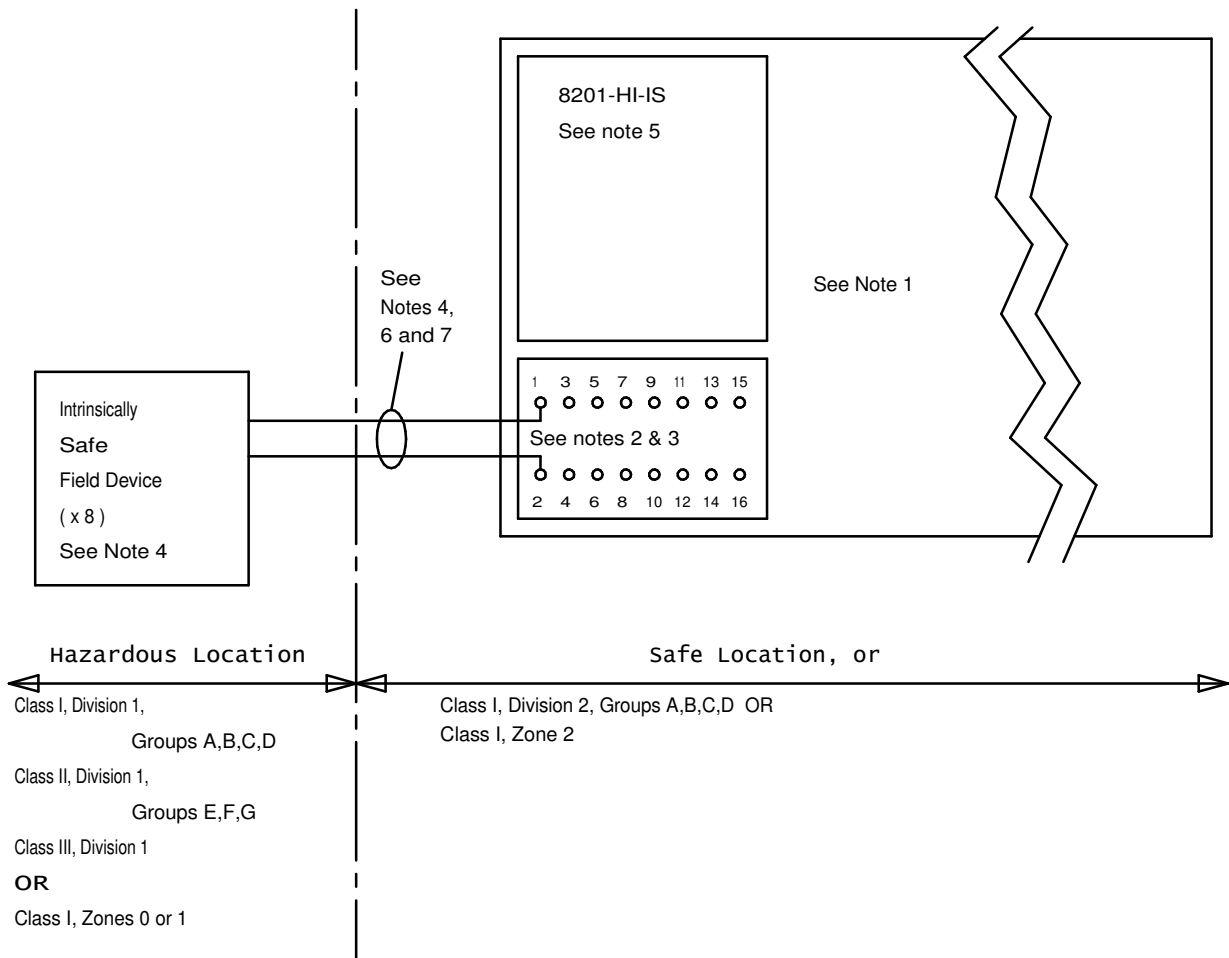


### Installation Drawing for the 8201-HI-IS 8-Channel Analogue Input Module, with HART



**Notes**

1. The 8201-HI-IS Analogue Input Module, with HART, may only be mounted on either the 8720-CA-04 or the 8727-CA-08 I/O module carriers.
2. The 8201-HI-IS may be used in conjunction with either the 8621-FT-IS or the 8622-FT-IS Field Terminal Assemblies.
3. Each of the eight output channels of the 8201-HI-IS uses one pair of terminals of the above Field Terminal Assemblies.

Ch. No.	Terminals
1	1 and 2
2	3 and 4
3	5 and 6
4	7 and 8
5	9 and 10
6	11 and 12
7	13 and 14
8	15 and 16

Note 3. (continued)

Each pair of terminals has the following entity parameters

$$U_o \leq 28\text{Vdc}$$

$$I_o \leq 93\text{mA}$$

$$P_o \leq 0.65\text{W}$$

Group IIC	Group IIB	Group IIA
Co ≤ 0.13 F	Co ≤ 0.39 F	Co ≤ 1.04 F
Lo ≤ 3.0mH	Lo ≤ 9.0mH	Lo ≤ 24.0mH

4. Each channel of the 8201-HI-IS may be connected to apparatus which does not generate or store more than 1.2V, 0.1A, 25mW or 40 J, such as switches, thermocouples, LEDs and RTD devices, provided cable parameters meet the following criteria:-

$$C_o \geq C_{\text{cable}}$$

$$L_o \geq L_{\text{cable}}$$

Alternatively, each channel of the 8201-HI-IS may be connected to CSA-Certified intrinsically safe apparatus suitable for use in use in either Classes I,II,III, Division I or Classes I,II,III, Zone 0 hazardous locations in accordance with the following criteria:-

$$U_o \leq \text{Apparatus } V_{\text{max}}$$

$$I_o \leq \text{Apparatus } I_{\text{max}}$$

$$C_o \geq C_i + C_{\text{cable}}$$

$$L_o \geq L_i + L_{\text{cable}}$$

5. The 8201-HI-IS may be removed from or inserted onto the carrier whilst the carrier remains energised. It is preferable if removal and insertion are performed when the area is known to be non-hazardous.
6. Each of the field devices, and associated wiring, connected to the 8201-HI-IS shall satisfy the 500Vdc insulation test to field devices connected to any other 8000 Series I/O module, forming part of the same installation.
7. Field wiring devices must be installed in accordance with the requirements of Appendix F, Canadian Electrical Code, Part 1.