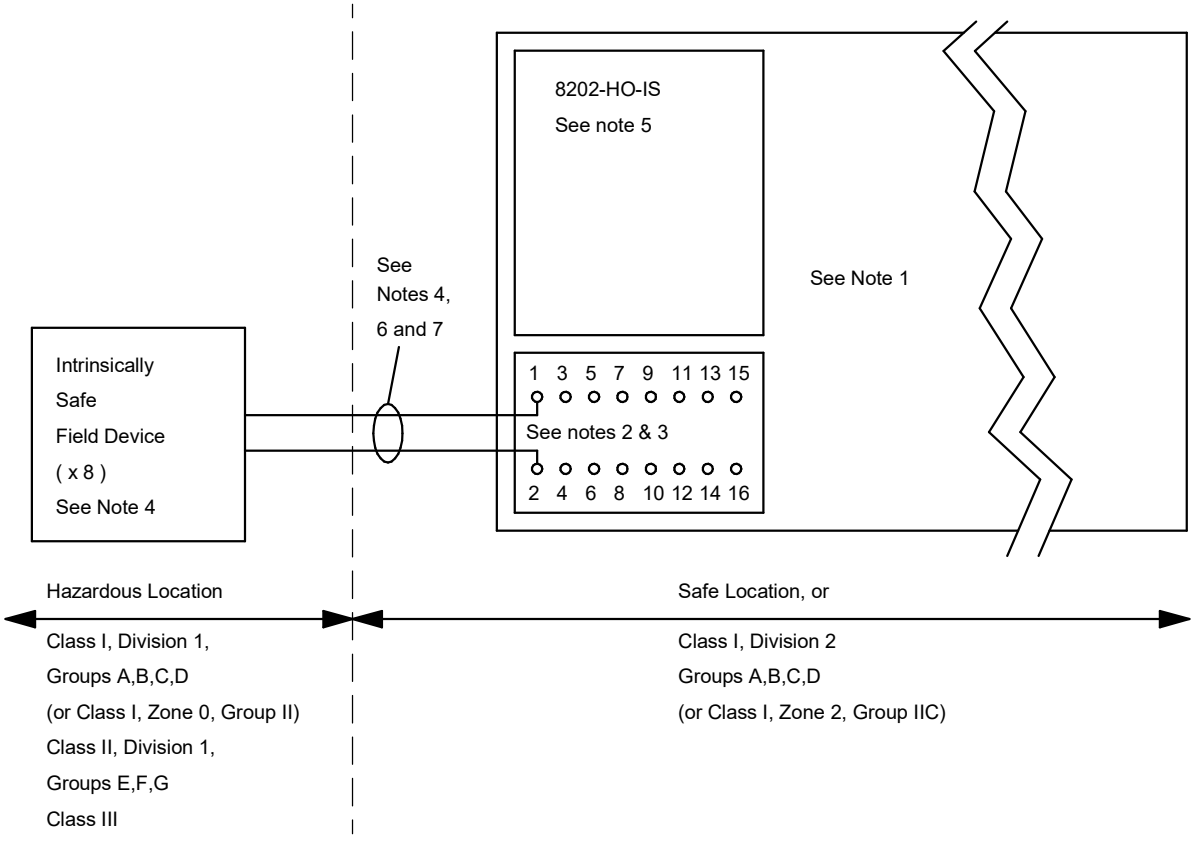
Installation Drawing for the 8202-HO-IS 8-Channel Analogue Output Module



Notes

1. The 8202-HO-IS Analogue Output Module may only be mounted on either the 8720-CA-04, the 8727-CA-08 or the 8729-CA-08 I/O module carriers.
2. The 8202-HO-IS may be used in conjuction with either the 8621-FT-IS or the 8622-FT-IS Field Terminal Assemblies.
3. Each of the eight output channels of the 8202-HO-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

Each pair of terminals has the following entity parameters

Voc (Uo) ≤ 24.6Vdc Isc (Io) ≤ 93mA Po ≤ 0.57W

Groups A,B	Groups C,E	Groups D,F,G
Ca (Co) ≤ 0.116 µF La (Lo) ≤ 4.3mH	Ca (Co) ≤ 0.87 µF La (Lo) ≤ 17.72mH	Ca (Co) ≤ 3.12 µF La (Lo) ≤ 36.02mH

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4. Each channel of the 8202-HO-IS may be connected to apparatus which does not generate or store more than 1.2V, 0.1A, 25mW or 40 µJ, such as switches, thermocouples, LEDs and RTD devices, provided cable parameters meet the following criteria:-

   Ca (Co) ≥ Ccable

   La (Lo) ≥ Lcable

   Alternatively, each channel of the 8202-HO-IS may be connected to FM - approved intrinsically safe apparatus suitable for use in Division 1 hazardous locations, in accordance with the following criteria:-

   Voc (Uo) ≥ Apparatus Vmax

   Isc (Io) ≥ Apparatus Imax

   Ca (Co) ≤ Ci + Ccable

   La (Lo) ≤ Li + Lcable

5. The 8202-HO-IS may be removed from or inserted onto the carrier whilst the carrier remains energised. It is preferable if removal and insertion is performed when the area is known to be non-hazardous.
6. Each of the field devices, and associated wiring, connected to the 8202-HO-IS shall satisfy the 500Vdc insulation requirement 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 ANSI/ISA RP 12.6.