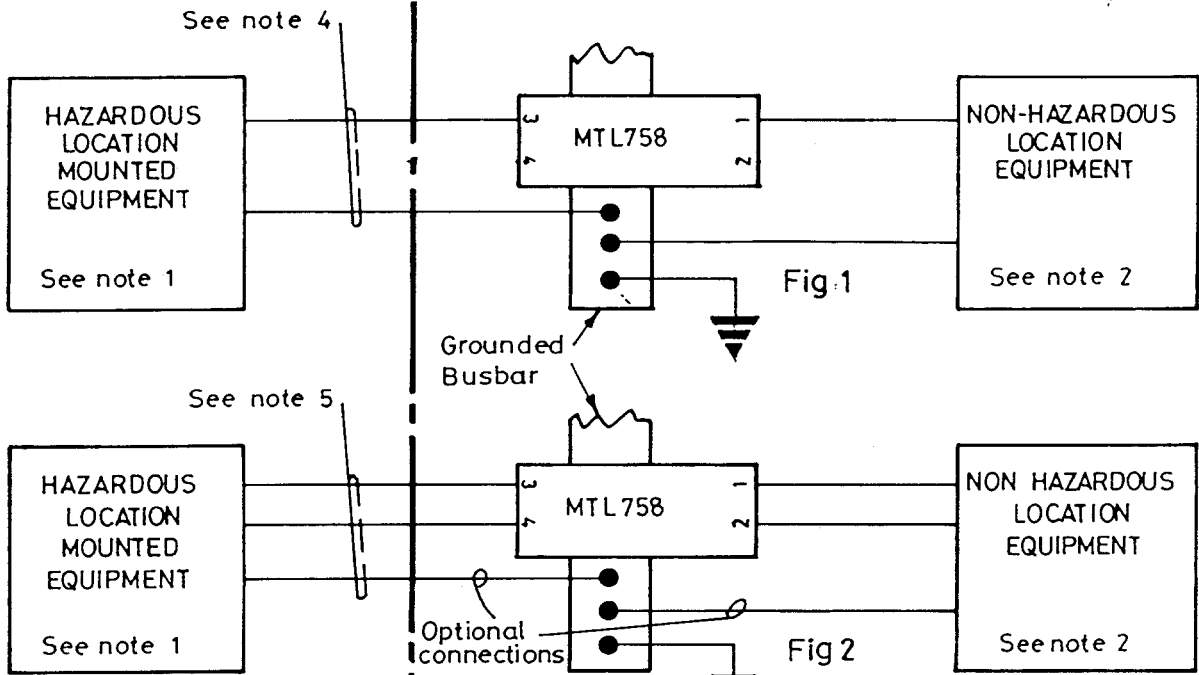


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Modification		
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1	18-87	DRG
2	5-92	DRG
		Note 6 amended



HAZARDOUS LOCATION
Class I Div.1 Groups A,B,C & D
Class II Div.1 Groups E,F & G
Class III

NON-HAZARDOUS LOCATION

Note 1 The hazardous location equipment may be switches. Certified devices with the correct Entity Concept parameters may also be used.

Note 2 The non-hazardous location or control room mounted equipment should not use or generate more than 250 volts rms.

Note 3 For guidance on the installation see ANSI/ISA RP 12.6

Note 4 The following total capacitance and inductance must be exceeded:-

Dual Channel Terminal 3 to Ground	Group	Capacitance	Inductance
A & B		6 μ F	0.05mH
C		18 μ F	0.15mH
D		48 μ F	0.40mH

Note 5 The following total capacitance and inductance must not be exceeded:-

Dual Channel Terminal 3 and 4	Group	Capacitance	Inductance
A & B		6 μ F	0.02mH
C		18 μ F	0.06mH
D		48 μ F	0.16mH

Note 6 Entity Parameters

Barrier	Term	V _T	I _T mA	Voc V	Isc mA	Ca μ F	La mH
758	3 - GND	-	-	8.1	742	6.0	0.05
758	4 - GND	-	-	8.1	742	6.0	0.05
758	3+4 GND	-	-	8.1	1480	6.0	0.02
758	3 - 4	8.7	1480	-	-	5.0	0.02

Certifying Authority: FACTORY MUTUAL

Sheet 1 of 1

Title: Installation Drawing for the MTL758 Barrier

Drg. No. SCI-168