

NOTE: NO SAFETY GROUND REQUIRED

HAZARDOUS LOCATION
 CLASS 1, DIV.1 GROUPS A,B,C & D
 CLASS II, DIV.1 GROUPS E,F & G
 CLASS III,

NON-HAZARDOUS LOCATION

Fig. 1

Note 1 The hazardous location equipment must be devices which will neither generate or store more than 1.2V, 0.1A, 25mW or 20µJ. Examples are: switches, thermocouples, light-emitting diodes, and resistance temperature detectors (RTDs) or certified devices with the correct Entry 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 r.m.s.

Note 3 For guidance on the installation see ANSI/ISA R.P.12.6.

Note 4 The following cable parameters must not be exceeded (applies to fig 1).

Group	Voc	Isc	Ca	La
D,F,G	10.5V	14mA	24µF	1320mH
C,E	10.5V	14mA	9µF	495mH
A,B	10.5V	14mA	3µF	165mH

Note 5 Must be housed in an enclosure that meets the requirements of ANSI/ISA S 82.01, S 82.02 and S 82.03.

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Tolerance unless otherwise stated ±		Sheet 1 of 2
Title Installation Drawing for the MTL 2213 3-channel Switch/Proximity Detector Relay		Drg. No. SCI-186

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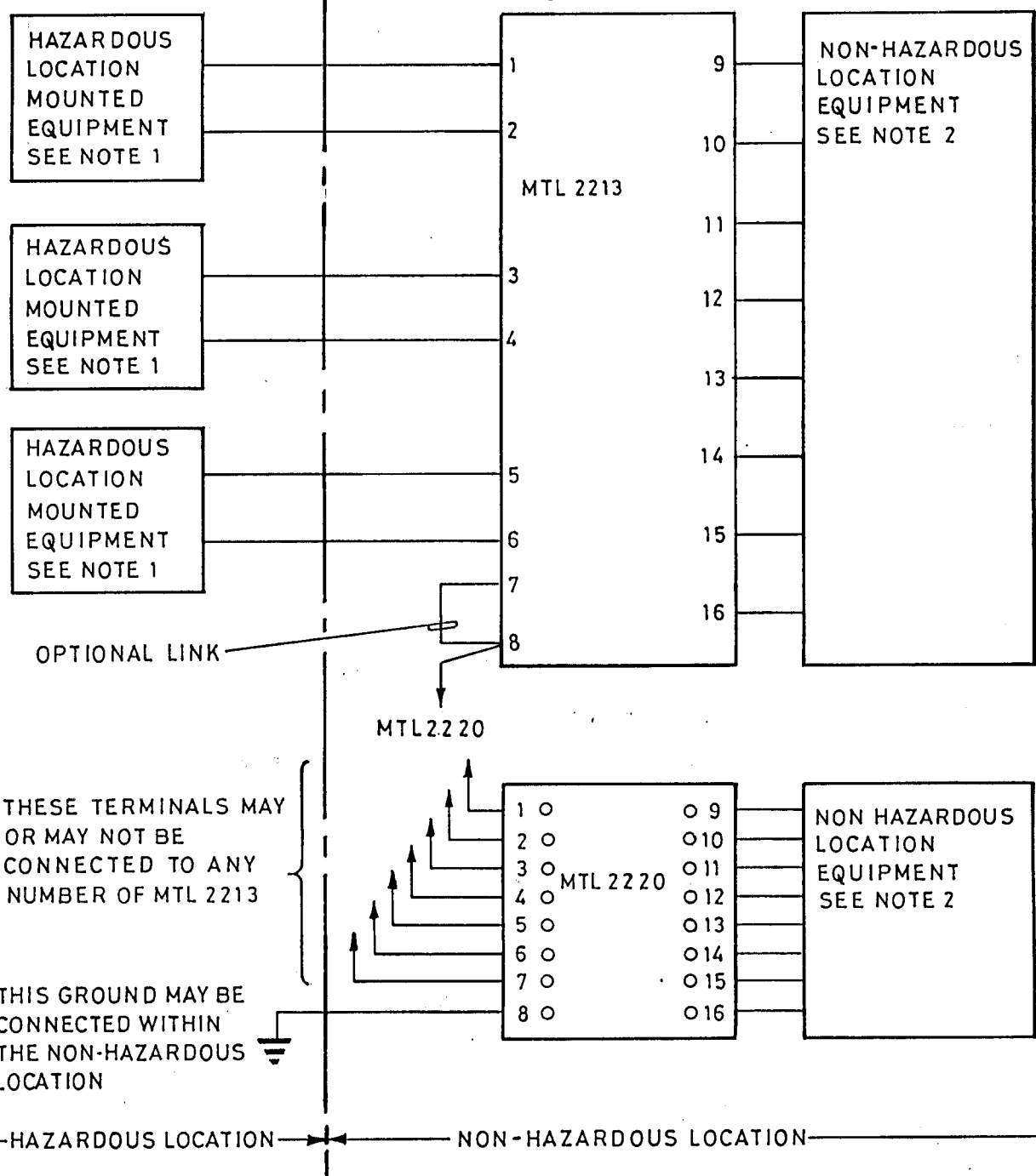


FIG. 2

Note 6 The following cable parameters must not be exceeded (applies to fig 2):-

Group	Capacitance	Inductance
D	3.52 μF	1320 mH
C	1.32 μF	495 mH
A + B	0.44 μF	165 mH

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