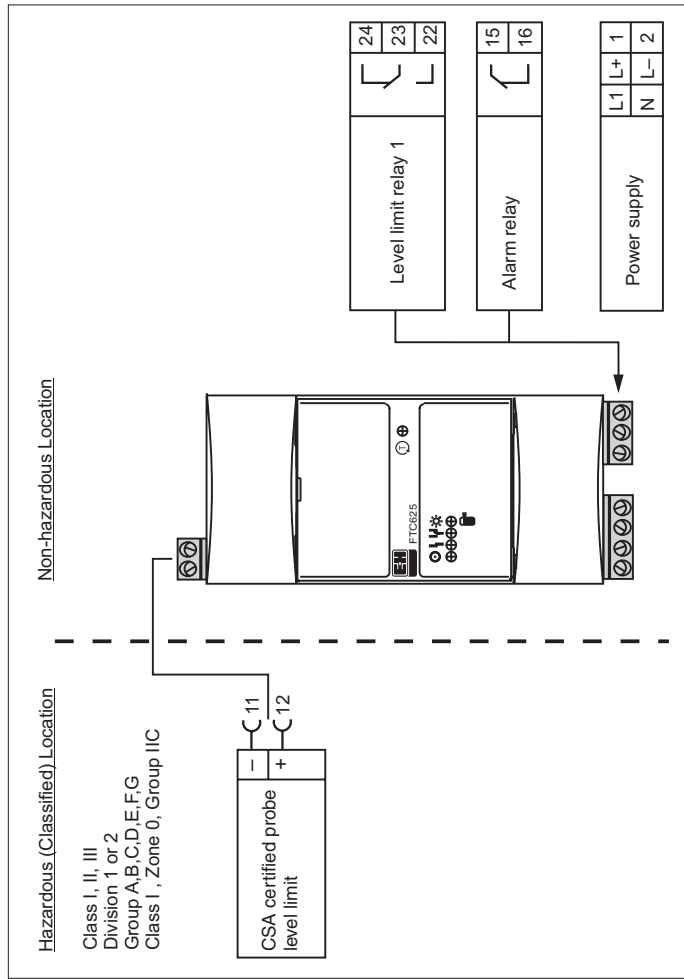
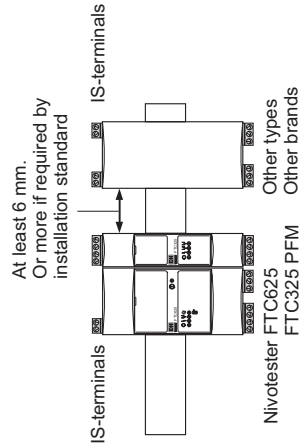


**Nivotester FTC625
FTC325 PFM**



Notes:

1. **WARNING:** Substitution of components may impair intrinsic safety!
2. CSA approved apparatus must be installed in accordance with manufacturer instructions.
3. Maximum safe area voltage 250 Vrms.
4. Install per the Canadian Electrical Code (CEC), Part I.
5. Install the unit protected from dust and moisture.
6. The unit must be installed in a suitable enclosure acceptable to the local inspection authority having jurisdiction.
7. Use additional precautions such as wiring tie downs or special wiring methods to provide adequate separation, especially when terminals are arranged one above the other.
8. Terminals of intrinsically safe circuits must be separated from terminals of non-intrinsically safe circuits by creepage and clearance distance of at least 50 mm (2 in).
9. Installation on the top hat rail:



Agency controlled drawing. No changes without prior. Agency approval.

	AC version:	DC version:
Supply voltage 1, 2	U = 85 ... 250 V AC, 50/60 Hz P ≤ 6.0 VA	U = 20 ... 60 V DC U = 20 ... 30 V AC, 50/60 Hz P ≤ 2.0 W / 3.5 VA
Relays rating 22, 23, 24 *15, 16 depending of configuration normally open or normally close	U ≤ 250 V AC, I ≤ 2 A, P ≤ 500 VA bei cos φ ≥ 0.7 U ≤ 40 V DC; I ≤ 2 A, P ≤ 80 W	

Entity Parameters

Nivotester FTC625 FTC325		La	Ca	Entity Evaluation is based on trapezoidal output. (For combined inductive / capacitive circuits)
Channel 1 (CH1): Terminal 12	Voc ≤ 13.9 V Isc ≤ 99 mA	113 µH 463 µH 963 µH	162 nF 62 nF 12 nF	
Ground:	Po ≤ 874 mW Li ≤ 37 µH Ci ≤ 138 nF	463 µH 963 µH 4.96 mH	860 nF 860 nF 260 nF	

