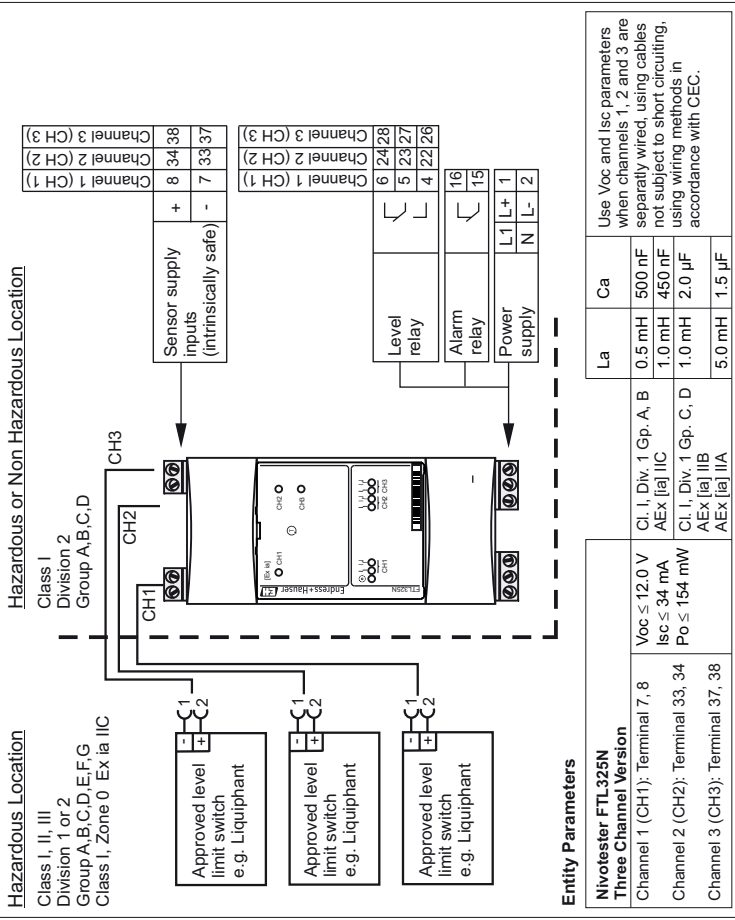


Nivotester FTL325N (Three Channel Version)

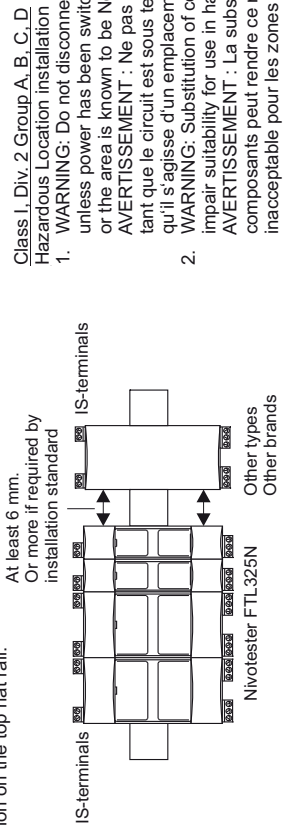


Entity Parameters

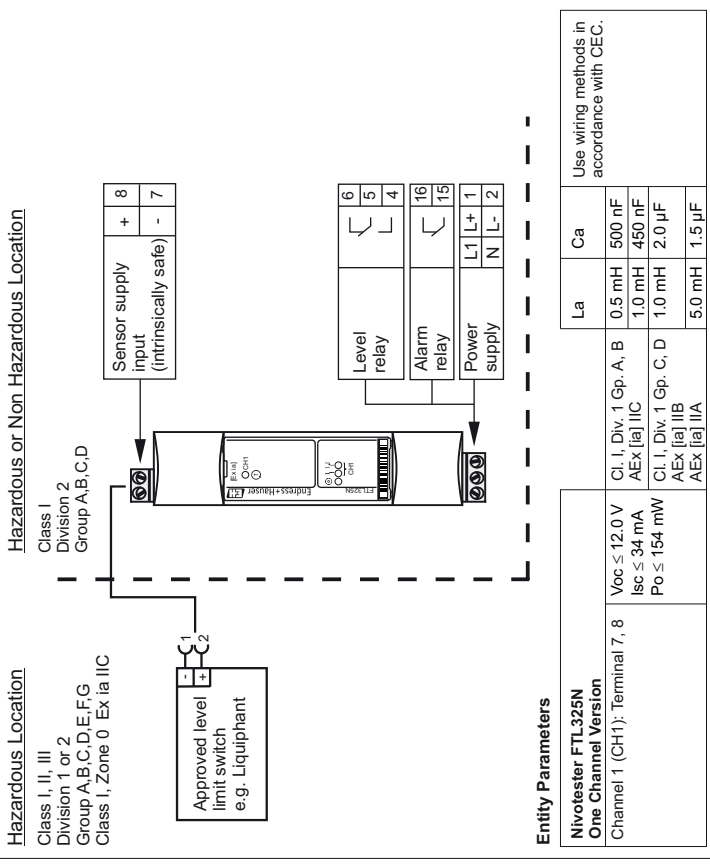
Nivotester FTL325N Three Channel Version		La	Ca	Use Voc and Isc parameters when channels 1, 2 and 3 are separately wired, using cables not subject to short circuiting, using wiring methods in accordance with CEC.
Channel 1 (CH1): Terminal 7, 8	Voc ≤ 12.0 V Isc ≤ 34 mA Po ≤ 154 mW	0.5 mH 1.0 mH	500 nF 450 nF	
Channel 2 (CH2): Terminal 33, 34		1.0 mH	2.0 µF	
Channel 3 (CH3): Terminal 37, 38		5.0 mH	1.5 µF	

Notes:

1. **WARNING:** Substitution of components may impair intrinsic safety!
2. **AVERTISSEMENT :** La substitution de composants peut compromettre la sécurité intrinsèque !
3. 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. The unit must be installed in a suitable enclosure acceptable to the local inspection authority having jurisdiction.
6. 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).
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. Use supply wires suitable for 5°C above surrounding ambient.
9. Installation on the top hat rail:
 - At least 6 mm.
 - Or more if required by installation standard



Nivotester FTL325N (One Channel Version)



Entity Parameters

Nivotester FTL325N One Channel Version		La	Ca	Use wiring methods in accordance with CEC.
Channel 1 (CH1): Terminal 7, 8	Voc ≤ 12.0 V Isc ≤ 34 mA Po ≤ 154 mW	0.5 mH 1.0 mH	500 nF 450 nF	
		1.0 mH	2.0 µF	
		5.0 mH	1.5 µF	

Supply voltage	All relays rating
FTL325N One Channel Version	U ≤ 250 V AC, I ≤ 2 A P ≤ 500 VA (cos φ ≥ 0.7)
FTL325N Three Channel Version	DC/AC-Type: 20...60 V DC 20...30 V AC 50/60 Hz U ≤ 40 V DC, I ≤ 2 A P ≤ 80 W

Agency controlled drawing.
No changes without prior Agency approval.

