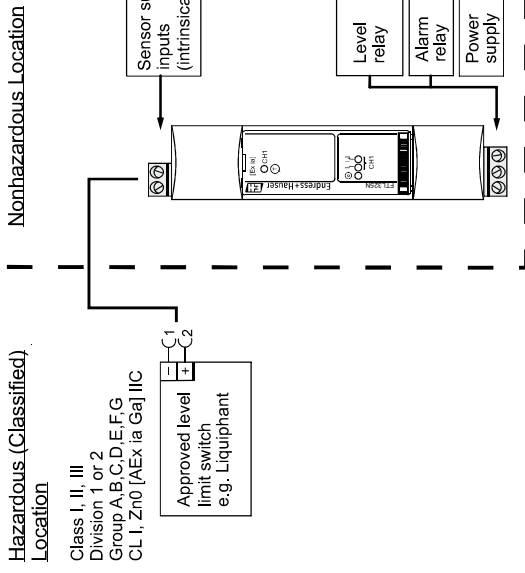
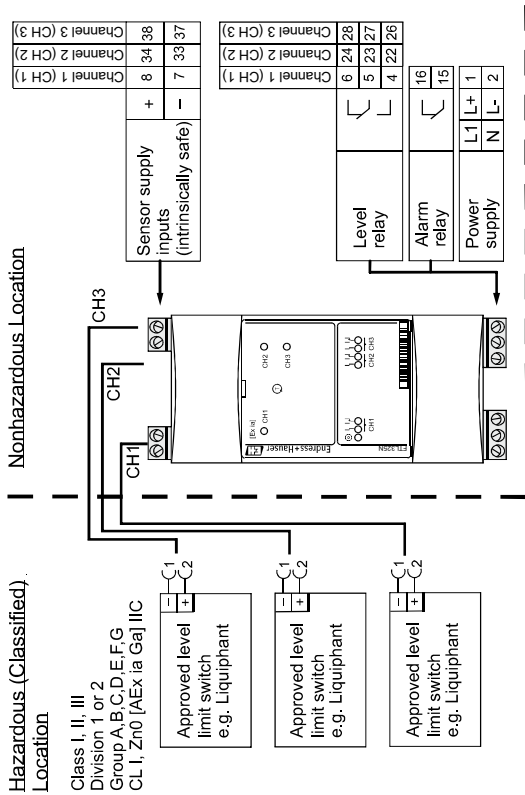
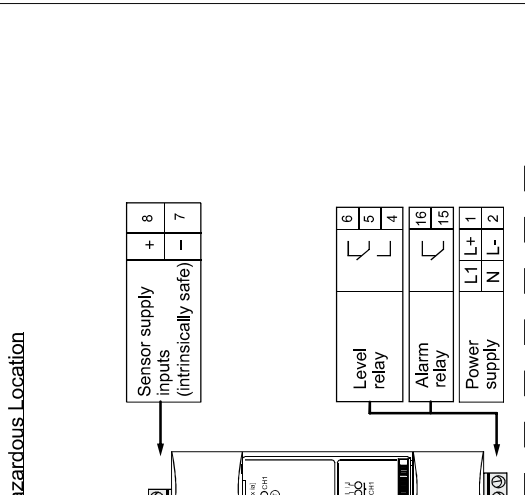


**Nivotester FTL325N (Three Channel Version)**



**Nivotester FTL325N (One Channel Version)**



**Entity Parameters**

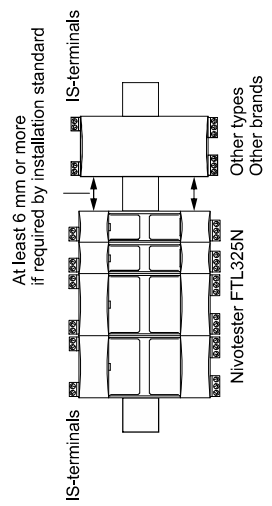
Nivotester FTL325N Three Channel Version	La	Ca	Use Voc and Isc parameters when channels 1, 2 and 3 are separately wired, using cables not subject to short circuiting, using wiring methods in accordance with NEC.
Channel 1 (CH1) : Terminal 7, 8	0.5 mH	500 nF	
Channel 2 (CH2) : Terminal 33, 34	1.0 mH	450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

**Entity Parameters**

Nivotester FTL325N One Channel Version	La	Ca	Use wiring methods in accordance with NEC.
Channel 1 (CH1) : Terminal 7, 8	0.5 mH	500 nF	
	1.0 mH	450 nF	
	1.0 mH	2.0 µF	
	5.0 mH	1.5 µF	

- Notes :**
1. WARNING: Substitution of components may impair intrinsic safety!
  2. FMRC approved apparatus must be installed in accordance with manufacturer instructions.
  3. Maximum safe area voltage 250 Vrms.
  4. The installation must be in accordance with the National Electrical Code (ANSI) / NFPA 70 article 504 and ANSI / ISA-RP12.06.01.
  5. Install the device protected from dust and moisture.
  6. 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.
  7. 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).
  8. Installation on the top hat rail.

	Supply voltage	All relays rating
FTL325N One Channel Version	AC-Type : 85...250 V AC 50/60 Hz DC/AC-Type : 20...60 V DC	U ≤ 250 V AC, I ≤ 2 A P ≤ 500 VA (cos φ ≥ 0.7)
FTL325N Three Channel Version	20...30 V AC 50/60 Hz	U ≤ 40 V DC, I ≤ 2 A P ≤ 80 W



XA01431F-C/00/EN/02.22  
CCS/CD2019  
FM/C 14.09.22



**FM Control Drawing  
960006073-C**

Nivotester  
FTL325N