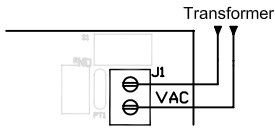


INPUT POWER (J1)

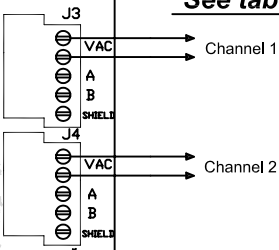
17 to 27 Vac, 18 to 28 Vdc, 380mA.

***See note 1**



POWER (J3-J4)

***See table**



Length of Network per Channel	Total Number of Units per Channel			
	4	8	12	16
750 feet (225m)	18 AWG	18 AWG	16 AWG	14 AWG
1000 feet (300m)	18 AWG	16 AWG	14 AWG	14 AWG
1500 feet (450m)	16 AWG	16 AWG	14 AWG	**
2000 feet (600m)	14 AWG	14 AWG	**	**

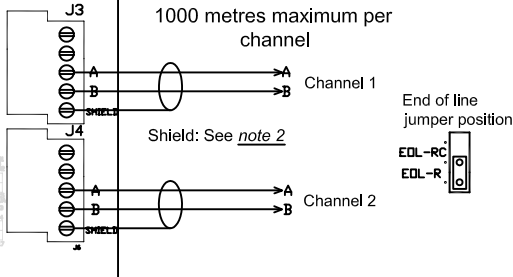
** Local power source must be used for these applications.

COMMUNICATION (J3-J4)

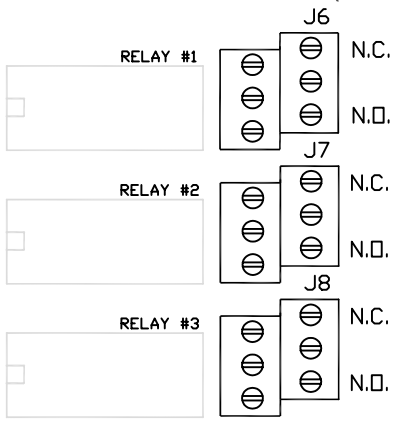
Communication Wire Gauge:

24 AWG (Belden 9841).

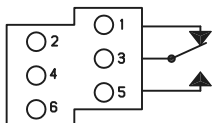
Twisted and shielded cable
1000 metres maximum per channel



RELAY OUTPUTS (J6-J7-J8)



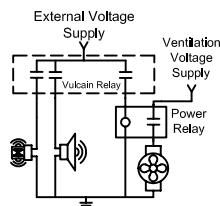
5A, 30Vdc or 250 Vac resistive load **See note 3 & 4**



Normally closed 1+3
2+4

Normally open 3+5
4+6

TYPICAL ACCESSORIES

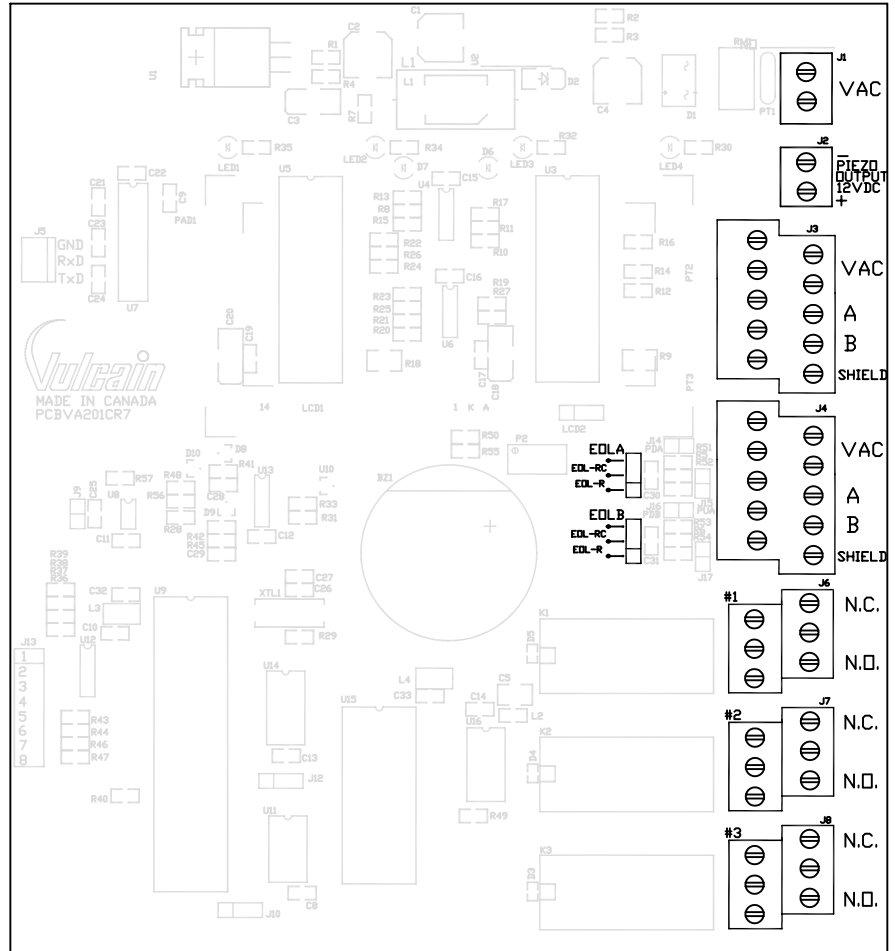


VA201C WIRING DETAILS

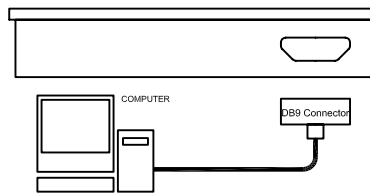


4005 Matte, Local G,
Brossard, Quebec,
J4Y 2P4
Tel.:1-800-563-2967
Fax.:1-888-967-9938
www.vulcaininc.com

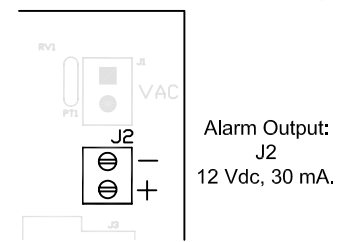
CONTROLLER



RS-232C OUTPUT (option)



PIEZO OUTPUT (J2)



Notes:

- 1: Dedicated power supply must be used only for the VA201C.
- 2: Communication wire shield must be grounded at one end on the VA201C.
- 3: Power and communication should not share the same wire.
- 4: Ventilation equipment activated by a Vulcain relay must be equipped with a power relay. These power relays must be supplied by separate circuits and they will be provided by the fitter.
- 5: Relays must not be linked directly on the ventilation system or other mechanism with a consumption higher than 1/6 HP.