

The connection diagram indicates the jumper settings required to have the first four zones be zones 9-12 and the second four zones be zones 13-16. To configure the PC5700 for other zone locations, consult the following chart:

Zone Assignment	J1*	J2*	J3*	J4**	J5**	J6**
None	ON	ON	ON			
Zones 9-12	ON	OFF	ON			
Zones 13-16	OFF	OFF	ON			
Zones 17-20	ON	ON	OFF			
Zones 21-24	OFF	ON	OFF			
Zones 25-28	ON	OFF	OFF			
Zones 29-32	OFF	OFF	OFF			

* PC5700 Z1-Z4

** PC5700 Z5-Z8

Telephone Line Monitoring by the PC5700

The PC5700 module has the capacity to use two

telephone lines. When the PC5700 module detects a problem with the main line it will automatically switch to the secondary line. The secondary line will be used by the panel until the problem with the main line is cleared. The PC5700 can detect the problem and switch to the secondary line before the panel generates a TLM Trouble. Whenever the PC5700 detects a problem on either line it will cause a tamper on module zone 8.

The PC5700 has two onboard LED's that are used to indicate the current status of each of the telephone lines. If a TLM Fault is detected on either line the appropriate LED will be on. When the switch located at the top of the module is pressed and held, the LED's corresponding to the last telephone line restored from the trouble state will turn on. This function will only work if both lines are currently restored. The LED's will return to normal operation when the switch is released.

NOTICE: The Canadian Department of Communications label identifies certified equipment. This certification means that the equipment meets certain telecommunications network protective, operational and safety requirements. The Department does not guarantee the equipment will operate to the user's satisfaction.

Before installing this equipment, users should ensure that it is permissible to be connected to the facilities of the local telecommunications company. The equipment must also be installed using an acceptable method of connection. In some cases, the company's inside wiring associated with a single line individual service may be extended by means of certified connector assembly (telephone extension cord). The customer should be aware that compliance with the above conditions may not prevent degradation of service in some situations.

Repairs to certified equipment should be made by an authorized Canadian maintenance facility designated by the supplier. Any repairs or alterations made by the user to this equipment, or equipment malfunctions, may give the telecommunications company cause to request the user to disconnect the equipment.

User should ensure for their own protection that the electrical ground connections of the power utility, telephone lines and internal metallic water pipe system, if present, are connected together. This precaution may be particularly important in rural areas.

CAUTION: Users should not attempt to make such connections themselves, but should contact the appropriate electric inspection authority, or electrician, as appropriate.

The Load Number (LN) assigned to each terminal device denotes the percentage of the total load to be connected to a telephone loop which is used by the device, to prevent overloading. The termination on a loop may consist of any combination of devices subject only to the requirement that the total of the Load Numbers of all the devices does not exceed 100. REN: 0.1B.

AVIS: L'étiquette de l'Industrie Canada identifie le matériel homologué. Cette étiquette certifie que le matériel est conforme à certaines normes de protection, d'exploitation et de sécurité des réseaux de télécommunications. Industrie Canada n'assure toutefois pas que le matériel fonctionnera à la satisfaction de l'utilisateur.

Avant d'installer ce matériel, l'utilisateur doit s'assurer qu'il est permis de le raccorder aux installations de l'entreprise locale de télécommunication. Le matériel doit également être installé en suivant une méthode acceptée de raccordement. L'abonné ne doit pas oublier qu'il est possible que la conformité aux conditions énoncées ci-dessus n'empêchent pas la dégradation du service dans certaines situations.

Les réparations de matériel homologué doivent être effectuées par un centre d'entretien canadien autorisé désigné par le fournisseur. La compagnie de télécommunications peut demander à l'utilisateur de débrancher un appareil à la suite de réparations ou de modifications effectuées par l'utilisateur ou à cause de mauvais fonctionnement.

Pour sa propre protection, l'utilisateur doit s'assurer que tous les fils de mise à la terre de la source d'énergie électrique, les lignes téléphoniques et les canalisations d'eau métalliques, s'il y en a, sont raccordés ensemble. Cette précaution est particulièrement importante dans les régions rurales.

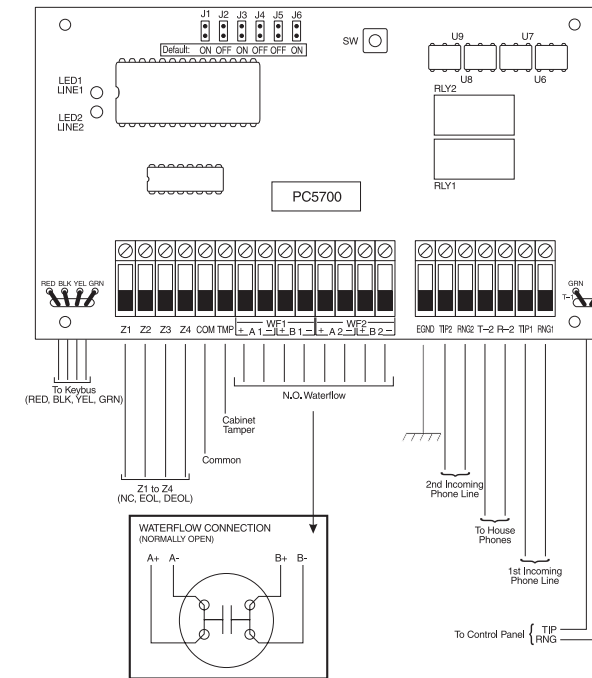
AVERTISSEMENT: L'utilisateur ne doit pas tenter de faire ces raccordements lui-même; il doit avoir recours à un service d'inspection des installations électriques, ou à un électricien, selon le cas.

L'indice de charge (IC) assigné à chaque dispositif terminal indique, pour éviter toute surcharge, le pourcentage de la charge totale qui peut être raccordée à un circuit téléphonique bouclé utilisé par ce dispositif. La terminaison du circuit bouclé peut être constituée de n'importe quelle combinaison de dispositifs, pourvu que la somme des indices de charge de l'ensemble des dispositifs ne dépasse pas 100. REN: 0.1B.

Installation Instructions

The PC5700 is a zone expansion module to be used with any control panel which supports the PC5108 module. In addition to four general purpose zone inputs, the module provides the following features: two Class A supervisory waterflow zones, ground fault detection and dual-supervised telephone lines. The PC5700 connects to a control panel via the 4-wire Keybus using standard 22-gauge unshielded cable.

PC5700 Connection Diagram



Zone Inputs

The first four zone inputs (Z1-Z4) on the PC5700 are general purpose zones which can be programmed as any zone type offered by the alarm control panel. The last four zone inputs are as follows:

Zone #	Zone Type	Terminals
Zone 5	Class A (waterflow)	A1+, A1-, B1+, B1-circuit 1
Zone 6	Class A (waterflow)	A2+, A2-, B2+, B2-circuit 2
Zone 7	Ground fault detection zone	EGND
Zone 8	TLM fault	TIP2, RNG2, TIP1, RNG1

The zone definitions for these four zones should be as follows:

Zone 5	[07] Delayed Fire or [08] Standard Fire
Zone 6	[07] Delayed Fire or [08] Standard Fire
Zone 7	[08] Standard Fire
Zone 8	[09] 24Hr Supervisory (LINKS)

Jumpers J1-J6

Jumpers are used to determine which zones will be assigned to the PC5700. Jumpers J1-J3 control the first four PC5700 zones. Jumpers J4-J6 control the second four PC5700 zones (two water-flow, ground fault and TLM fault zones).



WARNING Please refer to the System Installation Manual for information on limitations regarding product use and function and information on the limitations as to liability of the manufacturer.

PC5700
Fire Module