

Chapter 6

Installation instructions

6.1 Mounting the SmartLine/8Z expansion board (accessory item)

The SmartLine/8Z zone expansion board can be used with the SmartLine020-4 and SmartLine036-4 models. The SmartLine020-4 control panel can manage 2 SmartLine/8Z boards (8 zones each board) bringing the total number of zones to 20, while the SmartLine036-4 control panel can manage up to 36 SmartLine/8Z boards, bringing the total number of zones to 36.

The zone expansion board also provides a 1A supervised output, the operating principles of which can be defined during the system configuration phase.

The extinguishant module is packed in a separate cardboard box. Together with the extinguishant module (IN020), you will find a plastic bag containing:

- Pin header for the extinguishant module to SmartLine motherboard connection
- Mounting plate
- Screws
- EOL resistors and diodes

nr. SmartLine/8Z board		Connections	Zones
1		to SmartLine motherboard	5 - 12
2		to SmartLine/8Z board n.1	13 - 20
3	for SmartLine036-4 only	to SmartLine/8Z board n.2	21 - 28
4		to SmartLine/8Z board n.3	29 - 36

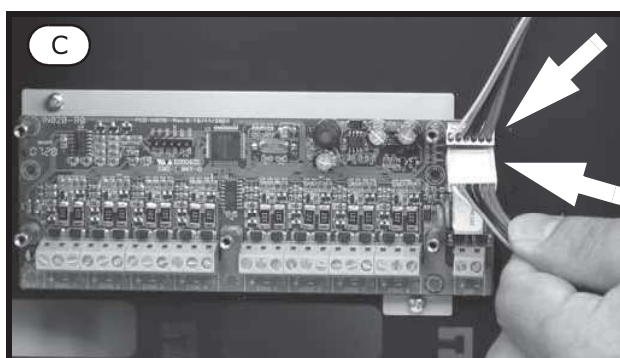
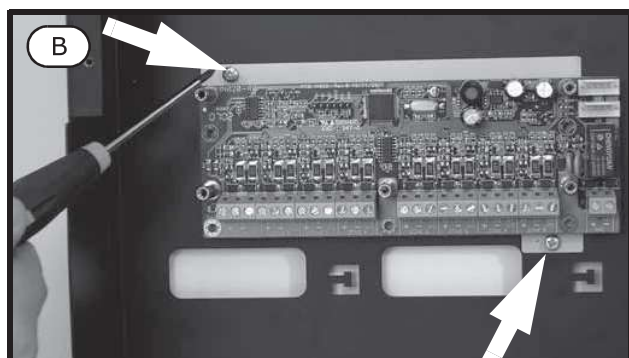
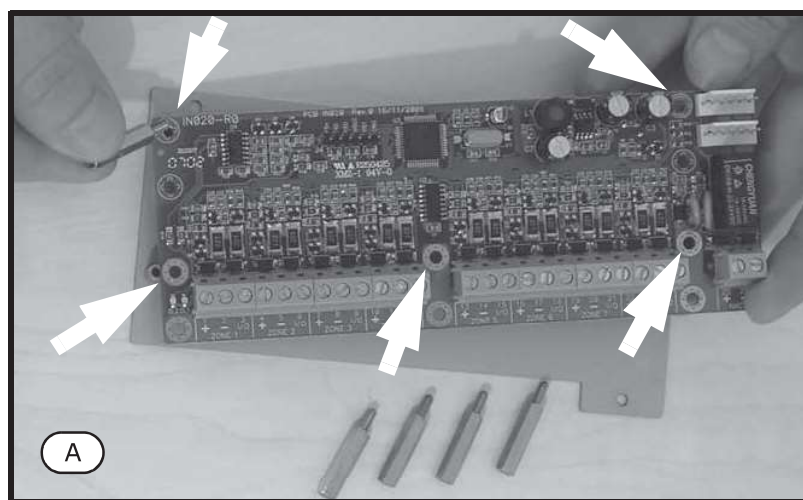


Figure 9 - Mounting the expansion module - 1

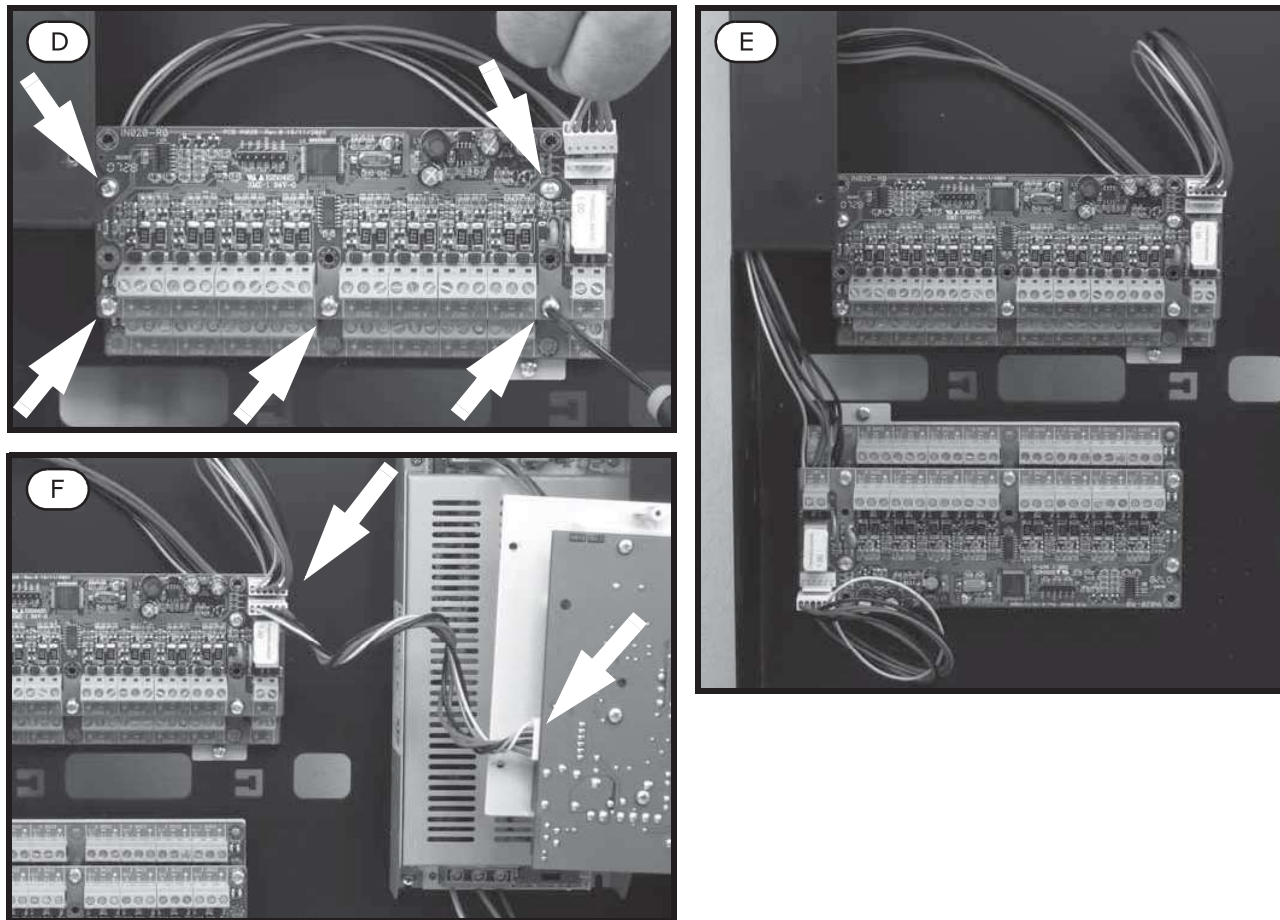


Figure 10 - Mounting the expansion module - 2

1. Remove the four securing screws and the frontplate.
2. Remove the four securing screws and the plastic support.
3. Locate the zone expansion board on the metal plate, using the metal spacers if you are installing two boards (*Figure 9 - [A]*). Be careful to use the mounting holes indicated in the photograph.
4. Position the plate with the expansion board in its location on the backbox (*Figure 9 - [B]*).
5. Plug the expansion board, using the wires to the motherboard and to the next expansion board (*Figure 9 - [C]*).
6. Locate the second zone expansion board on the metal spacers (*Figure 10 - [D]*).
7. Connect the wire from the previous zone expansion board and to the next zone expansion board.
8. Mount on another metal plate and connect each other the third and the fourth boards.
9. Position the second plate board in its location on the backboard.
10. Connect the third to the second board (*Figure 10 - [E]*).
11. Connect the wire coming from the first zone expansion board to the SmartLine motherboard (*Figure 10 - [F]*).
12. Replace the plastic holder and close the control panel cabinet.

Note:

In order to allow the control panel to manage the expansion board, you must include it in the configuration. Refer to the Programming section for details.

6.2 Mounting the SmartLAN/485 ethernet board (accessory item)

The SmartLAN/485 allows you to program the fire-detection panel parameters from remote locations using the SmartLeague software via LAN/internet. Additionally, the SmartLAN/485 is capable of sending a UDP packet (event description report) to a configurable IP address each time the fire-detection panel registers an event.