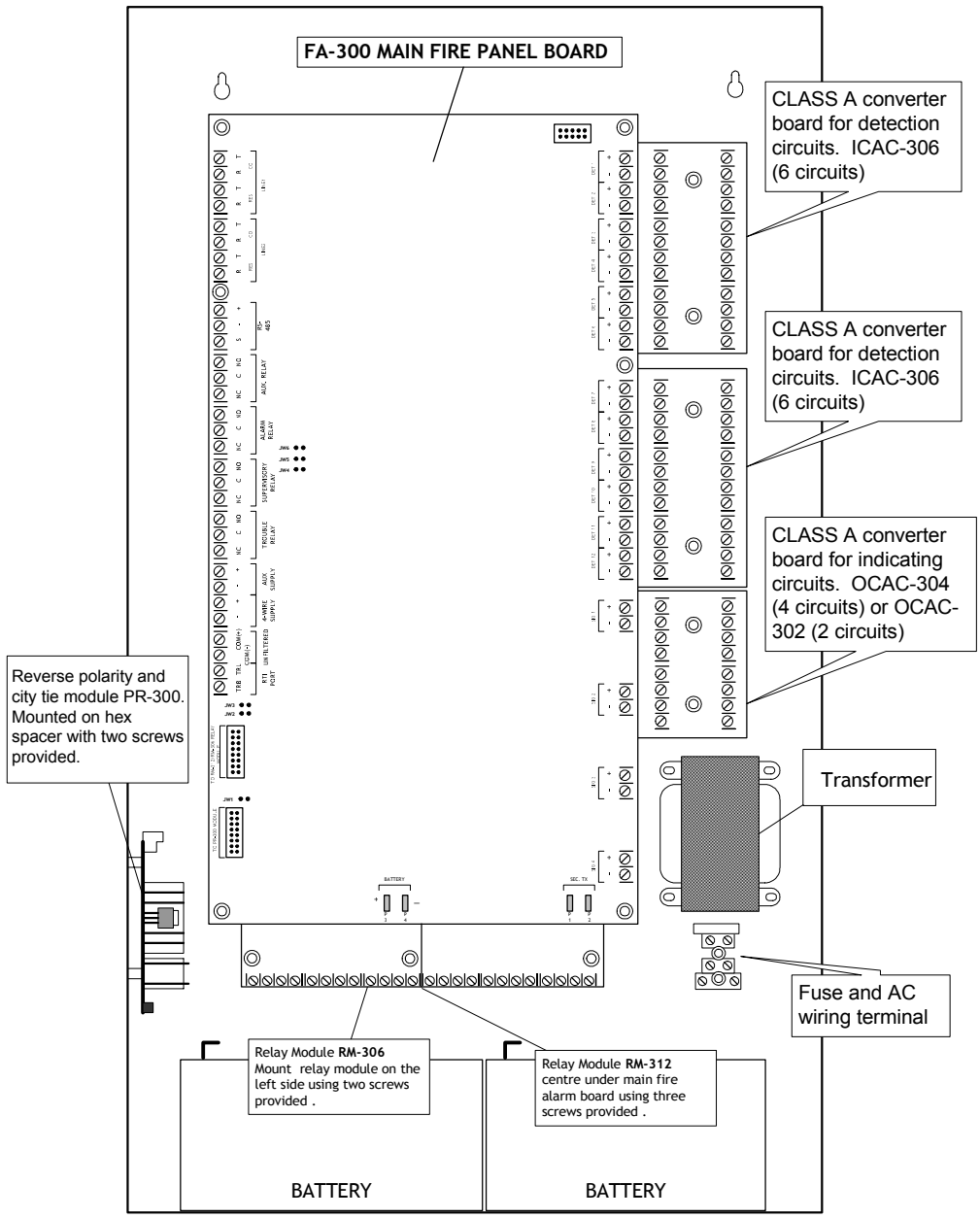
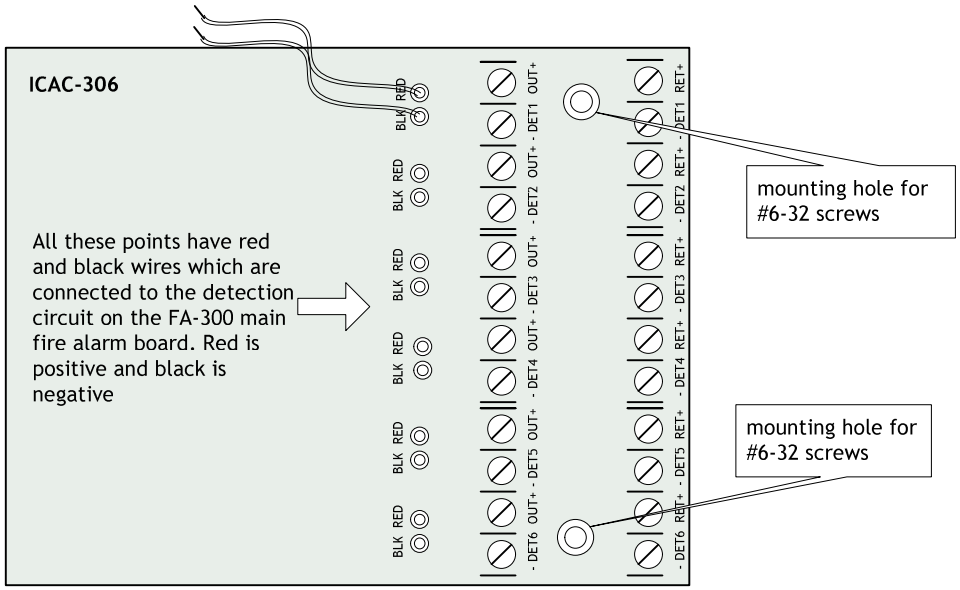
Model ICAC-306 Input Class A Converter Adder Module

The Model ICAC-306 Input Class A Converter Adder Module is used to convert 6 Class B input circuits in the FA-300 Fire Alarm Panel to 6 Class A input circuits. It mounts under the FA-300 main fire alarm board near the input terminal blocks on the right hand side.

Figure 1: ICAC-306 Input Class A Converter Adder Module





There are no jumpers or cables to set on this module, just wiring from the converter (wires are fixed here) to the FA-300 Main Fire Alarm Board.

Initiating circuits must be wired from the ICAC-306 module to the Main Fire Alarm board. For example, Initiating circuit 1 positive (red) and negative (black) wires are connected to the positive and negative terminals (respectively) of Initiating circuit 1 on the Main Fire Alarm Board. From the ICAC-306 converter Initiating circuits are wired out to the devices from the positive and negative terminals marked DET OUT and the circuit return wires are brought back to the converter module to positive and negative terminals marked DET RET.

To convert all 12 initiating circuits of a FA-312 Fire Alarm Panel, two of these ICAC-306 Input Class A Converter Adder Modules are required.

ELECTRICAL SPECIFICATIONS:

Current Consumption:	Standby:	0 mA
	Alarm:	0 mA