

BFC 207 ENTRY-EXIT MODULE

INSTALLATION AND OPERATING INSTRUCTIONS

AUTOMATIC RESET

The BFC-207 Entry-Exit Module provides automatic reset when used with the ESM-2 Siren Module and BFC-200. (ESM-2 also has built-in 15 minute cut-off and Phase 1 input.)

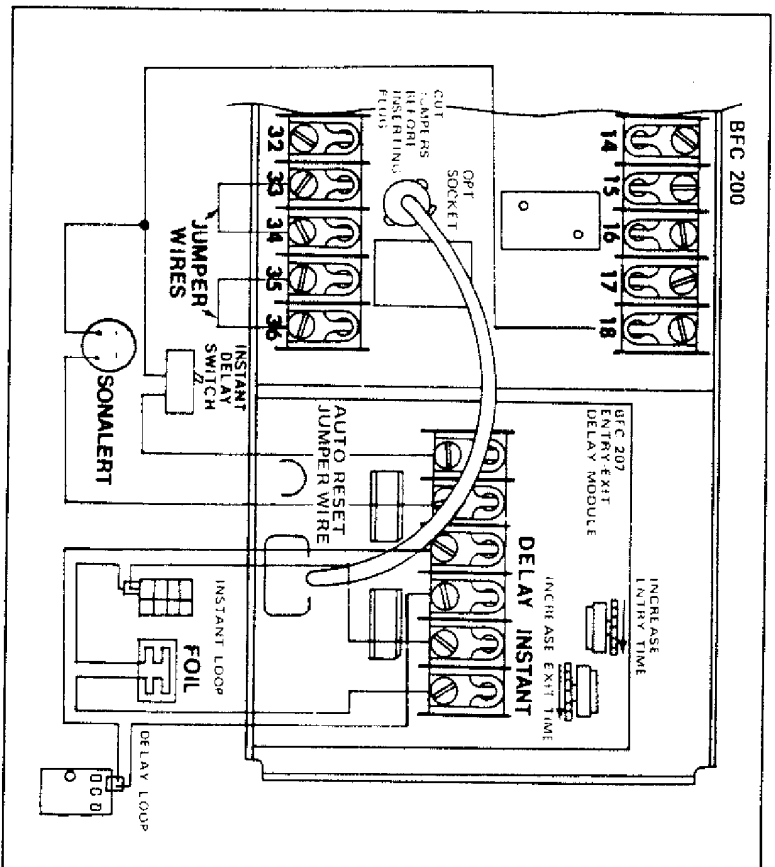
PROCEDURE:

1. Cut the jumper wire on lower left side of BFC-207 Module. (See Fig.)
2. Connect BFC-200 terminal 32 to ESM-2 terminal 5.

NOTE: ESM-2 must be wired for 12 VOLT OPERATION. (Internal jumper connection to terminal 4.)

OPERATION:

When BFC-207, ESM-2 and BFC-200 are interconnected as described above the BFC-200 will automatically reset following 15 minute ring-off provided the protective loops are closed.



TERMINALS	FUNCTION	EXPLANATION
-----------	----------	-------------

1 on BFC 207 18 on BFC 200	INSTANT-DELAY SWITCH	
-------------------------------	----------------------	--

Use single pole toggle switch to convert delay loop to instant loop for nighttime security. When switch is closed (connecting terminal 1 on module to terminal 18 on control), the delay loop becomes an instant loop. When switch is open, entry-exit delay is in effect. Switch may be mounted at remote station or anywhere on the premises.

PROCEDURE FOR SETTING ENTRANCE AND EXIT DELAYS

NOTE: Separate controls are provided so that entrance and exit delays can be adjusted from 0 to 60 seconds.

ENTRY DELAY

1. Complete all connections including power inputs.
2. Turn key switch OFF.
3. Set EXIT and ENTRY pots (potentiometers) to ZERO.
4. Turn ENTRY pot one half turn (180 degrees).
5. Turn key switch on.
6. Open delay loop and determine the amount of time before alarm.
7. This is the entrance delay time. If more or less time is desired, repeat the above procedure adjusting the ENTRY pot accordingly in Step 4. When proper time has been set, do not make any further adjustments with this pot.

EXIT DELAY

1. Close delay loop.
2. Turn key switch OFF.
3. Turn EXIT pot one half turn (180 degrees).
4. Turn key switch ON.
5. Open delay loop.
6. After opening the delay loop determine the time before alarm in seconds. From this time, subtract the Entrance Delay time you've already set. Your answer will be the Exit Delay. If more or less exit time is desired, repeat this "EXIT DELAY" procedure adjusting the EXIT pot accordingly in Step 3.

EXAMPLE: (B)

You've set a 20 second entrance delay.

Upon opening the loop in Step 5 of the Exit Delay procedure, the BFC 200 alarms in 55 seconds. Subtracting the 20 second ENTRY from the combined entry and exit delay of 55 seconds leaves a 35 second Exit Delay. If this time is too long or short readjust the EXIT pot accordingly and repeat procedure. When proper time has been set do not make any further adjustments with this pot.

A simpler method may be employed using a Sonalert (Mallory SC628) connected to Terminal 2 (negative) of BFC 207 Entry-Exit module and terminal 18 (positive) of BFC 200 Control. This method does not require subtracting one time from another.

1. Set Entry Delay according to above procedure.
2. Follow steps 1-5 of Exit Delay procedure.
3. Start timing Exit Delay from opening loop in Step 5 until Sonalert sounds.

TERMINALS	FUNCTION	EXPLANATION
2 on BFC 207 18 on BFC 200	Entry Delay WARNING SONALERT	Provides output for optional audible warning device drawing a maximum of 500mA for buzzer, Sonalert (Mallory SC628), which sounds upon violation of entrance delay until control is reset. Serves as reminder for owner to reset control before alarm. Sonalert(s) may be mounted on remote stations or anywhere on premises.
3, 4, 5, and 6 Module	PROTECTIVE CIRCUIT	WHEN USING BFC 207 DELAY MODULE, CONNECT JUMPER WIRES ACROSS BFC 200 TERMINALS 33 and 34 and ACROSS TERMINALS 35 and 36. Loop connected to terminals 3 and 4 provides ENTRY-EXIT DELAY which is adjusted by pots on module. Loop connected to terminals 5 and 6 triggers alarm instantly when broken.
		FOR SIMPLER INSTALLATION: Run Delay and Instant loops together using 22/2 wire to form protective circuit. Cut into instant loop for windows, foil, etc. Cut into delay loop for doors. This method will save time and labor of running two separate instant and delay loops.

NOTE: FOR A SIMPLER INSTALLATION OF REMOTE STATIONS, USE 6 CONDUCTOR CABLE from control to remotes when providing Instant-Delay switch and Sonalert. Refer to "Remote Station" Installation section of BFC 200 Instruction manual.