

No. 1114 OUTDOOR COMBINATION BELL AND CONTROL

GENERAL INFORMATION:

The No. 1114 Outdoor Combination Bell and Control consists of a control instrument and bell built into a tamper resistant enclosure. It is designed for outdoor installation in dry climates where the temperature does not drop below freezing.

Automatic Bell Cut-off (after 15 minutes) and Restore are featured. These may be disabled, if desired, during installation.

INSTALLATION AND WIRING:

1. Mount the cabinet. The interior tamper plate is removable for ease of handling during installation. The build-in battery bracket permits overhead mounting, if desired.
2. Select the wiring method to be used. Two methods are suggested:
 - a. Separately powered bell and protective circuits are shown in Diagram 1. This method is preferred as maximum bell ringing energy will be available when needed. Batteries should be changed annually and after every alarm.
 - b. A single power source for bell and protective circuits is shown in Diagram 2. When using a single battery it should be changed every six months, and after every alarm.
3. Make connections in accordance with the appropriate diagram herein.

TERMINALS

WIRING INFORMATION

<u>Dia. 1</u>	<u>Dia. 2</u>	
1		Not used
2,4	3,4	<u>Closed Circuit Protective Loop:</u> Connect closed circuit contacts in series. <u>Diagram 1 only:</u> 3V. DC is required at the end of the circuit (2 #6 Dry Cells in series). Connect all contacts in the positive (+) leg.
3,4	1,2	<u>Cabinet Tamper Switches:</u> Connect in series.
4,5	4,5	<u>ON-OFF Key Lock Switch</u> (not furnished): This turns the system ON (switch closed) or OFF (switch opened) or RESETS it (Switch opened). Install switch in a convenient location outside of the protected area. Among the key lock switches that may be used are: Nos. 5039, 5073, 3039, 4073, 2274, 2174 and 99.
6,7	6,7	<u>Bell:</u> Connect the bell within the cabinet to these terminals.

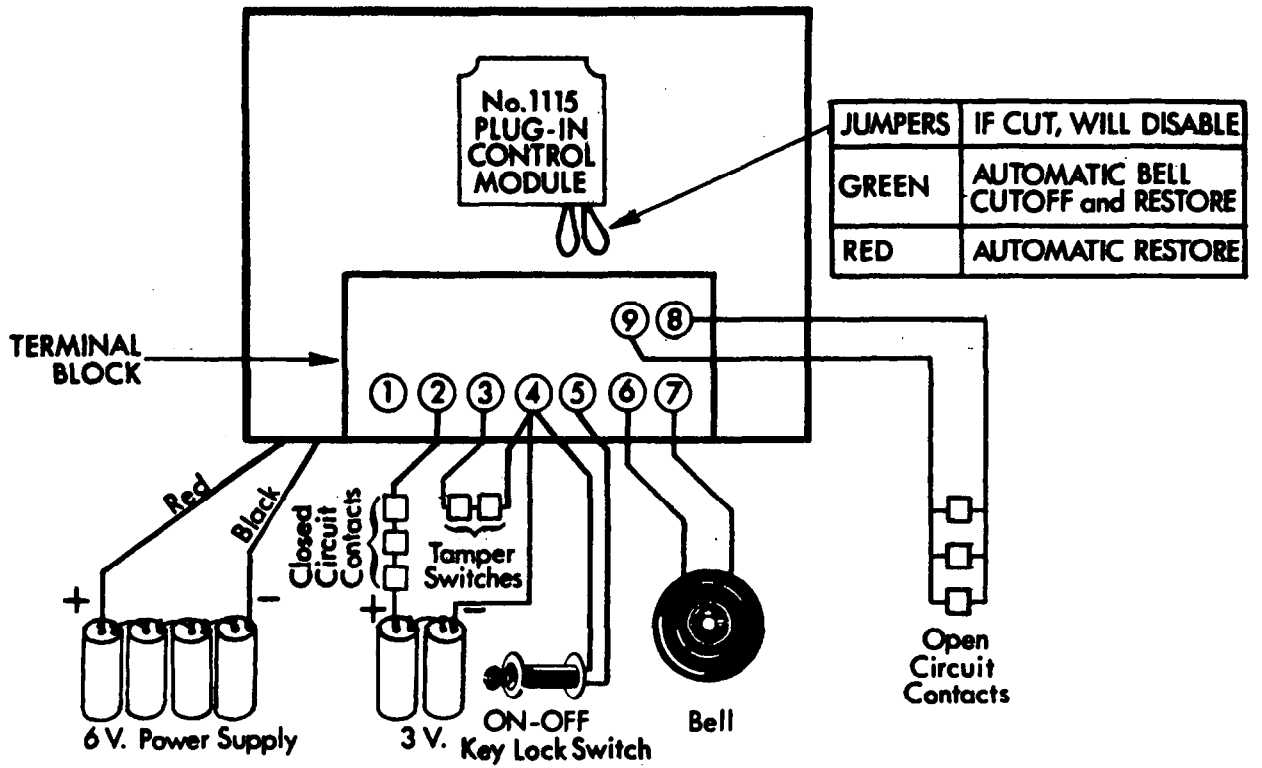


Diagram 1: PREFERRED CONNECTION METHOD

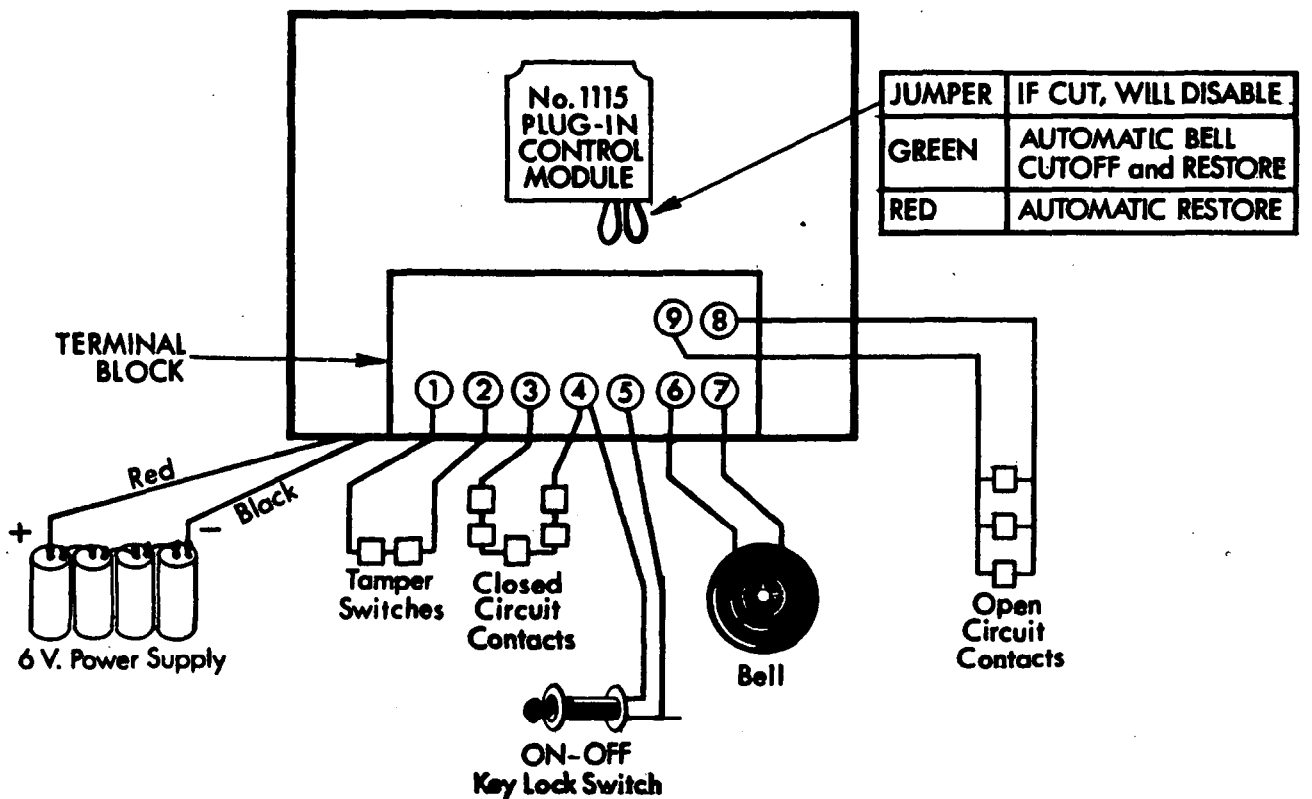


Diagram 2: ALTERNATE CONNECTION METHOD

8,9 8,9

Open Circuit Protective Loop: Connect open circuit contacts in parallel.

RED, GREEN
jumpers

These jumpers appear at the base plate of the No. 1115 Plug-In Module. If both jumpers are left intact: Alarm bell cut-off will occur automatically after approximately 15 minutes. If the protective circuits have returned to normal the system will reset automatically and be ready to respond to subsequent alarms.

To disable Automatic Restore only: Cut the RED jumper.

To disable both Automatic Bell Cut-off and Restore: Cut the GREEN jumper.

RED, BLACK
flying leads

Power Supply: Connect 6V. DC (4 #6 Dry Cells) in series. Observe Polarity! Hold in place with built-in battery bracket.

SPECIFICATIONS:

Physical: Width: 14 1/2" (36.8 cm)
 Height: 15" (38.1 cm)
 Depth: 8" (20.3 cm)

Electrical:

	Diagram 1	Diagram 2
Alarm Circuit:	6V. DC (4 No. 6 Dry Cells)	6V. DC (4 No. 6 Dry Cells)
Protective Circuit:	3V. DC (2 No. 6 Dry Cells)	
Current Drain (non-alarm, approximate):		
6V. Battery:	Zero	6V. Battery : 3 1/2 ma
3V. Battery:	3 3/4 ma	

Note: Change batteries: a) Annually (Diag. 1), b) Every six months (Diag. 2), c) After every alarm.