



applications update

New
ideas using
The Model 86 Digital Timer

DC DOOR STRIKE Requires constant DC power for Corby Key, Model 86, and door strike. If power fails, strike will fail in the secure mode. Provides visual status of strike position.

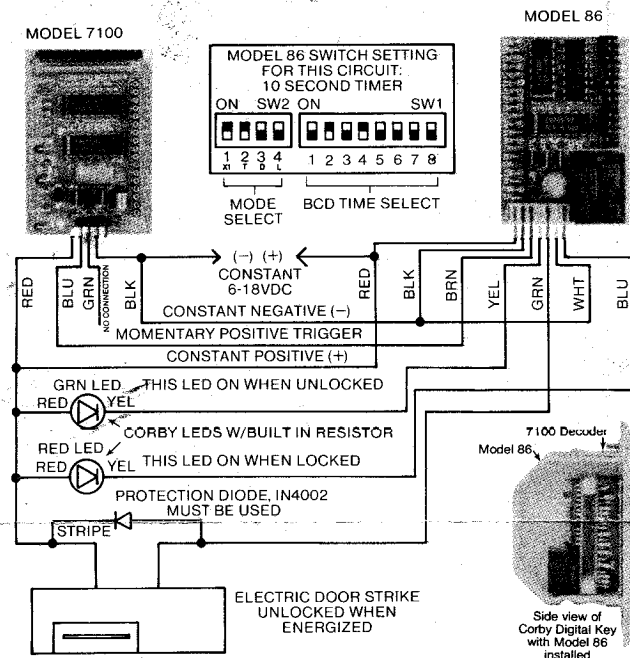


FIG. 1

AC DOOR STRIKE requires AC for door strike and DC power for Corby Key and Model 86. Has LED for visual status of strike position and push button for remote activation of strike.

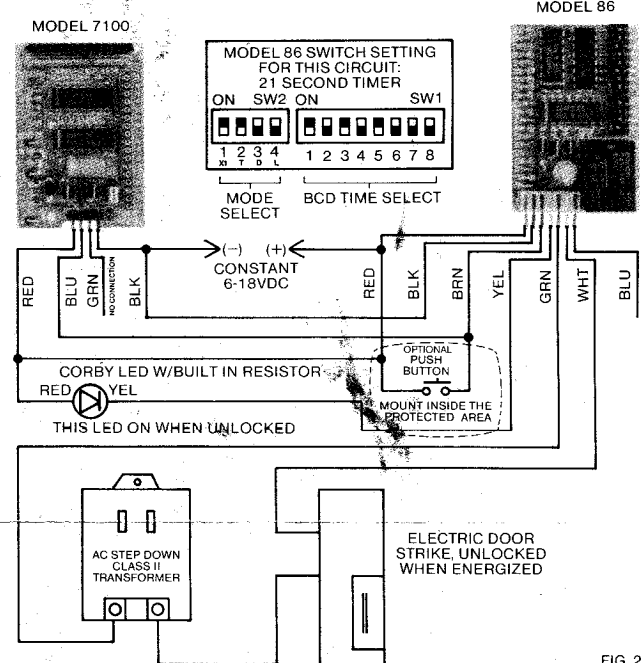


FIG. 2

DC MAGNETIC DOOR HOLDER requires constant DC power. A 4 or 5 digit Corby Key Code releases door holder for 6 seconds and provides locked/unlocked visual status. 1N4002 diode must be used. If power is lost, unit will be in the fail-safe mode.

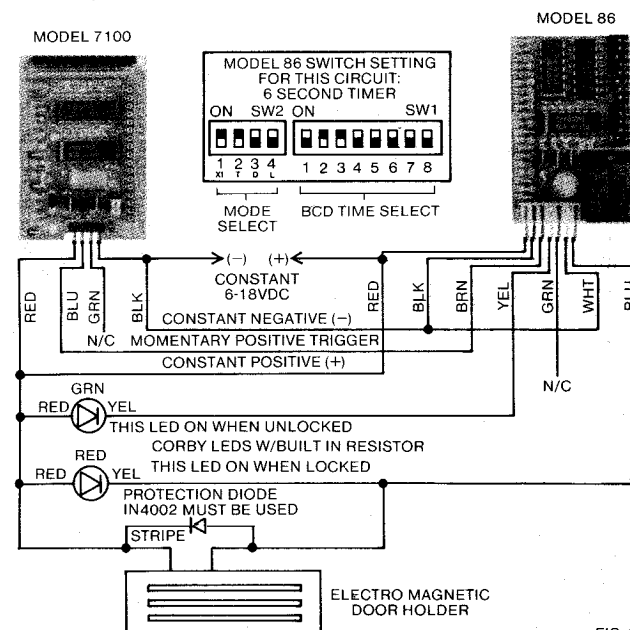


FIG. 3

SHUNTING MAGNETIC CONTACT A 4 or 5 digit Code entered at the Keypad will activate the Model 86, place a "shunt" across contact #3, and provide a visual status of the "shunt".

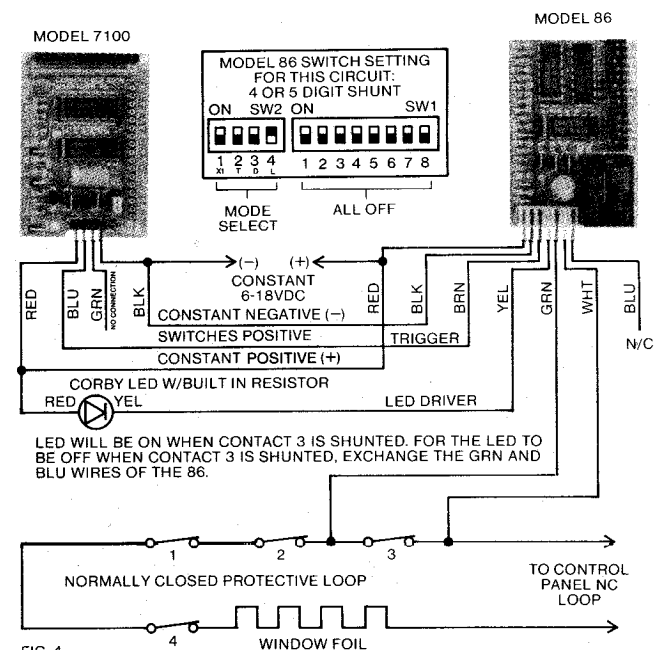


FIG. 4

SHUNTING WITH TWO BUTTONS of the Keypad is done with a Model 86 and a Corby #70 Program Wire. Use the 1st digit of the code and any other selected digit. Provides "shunt" and visual feedback of the "shunt" status.

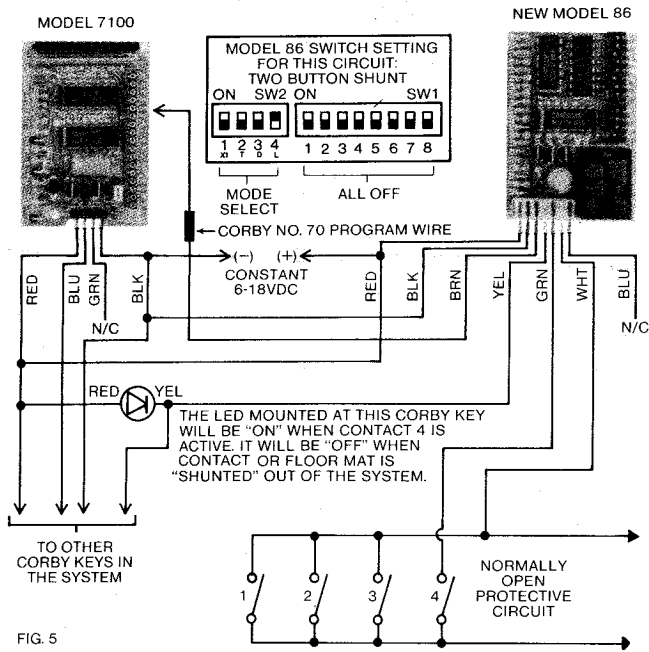


FIG. 5

TWO 86'S IN SYSTEM Position 1 of the Mode Switch is "off" and the 86 counts in 2 second increments to 300 seconds and it is activated by a 4 or 5 digit Corby Key Code. The 2nd Model 86 is activated by 2 keypad digits to "shunt" a protective zone.

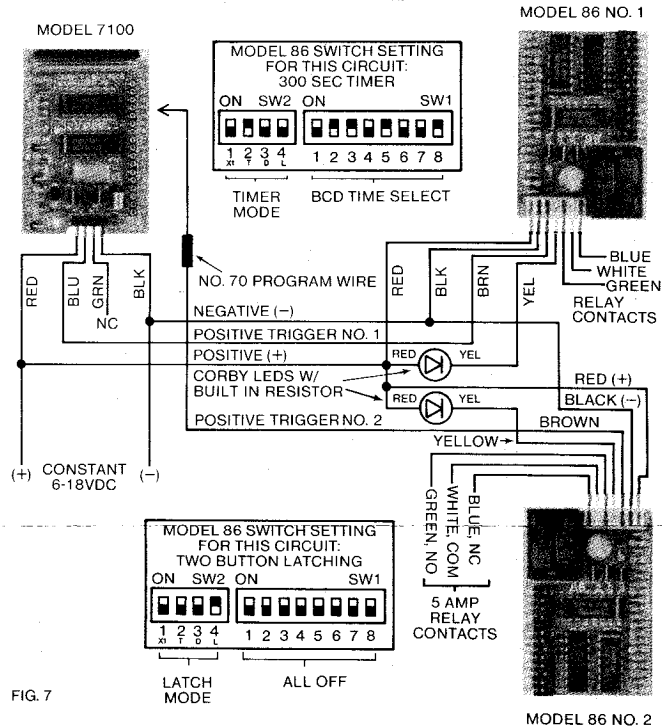


FIG. 7

HOW THE MODEL 86 WORKS is shown in this block diagram. Diodes, resistors, and other in/out circuits are detailed. Input has a 130 millisecond response time and will not react to extremely short pulses.

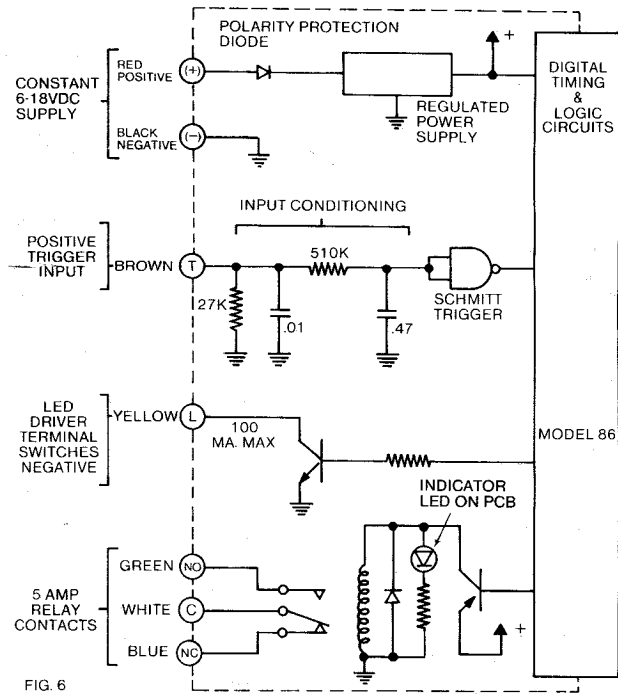


FIG. 6

TWO BUTTON ELECTRONIC LATCHING RELAY uses two buttons of a Corby Digital Key to shunt a IR beam, ultrasonic, or other protective zone. It also provides visual status of zone.

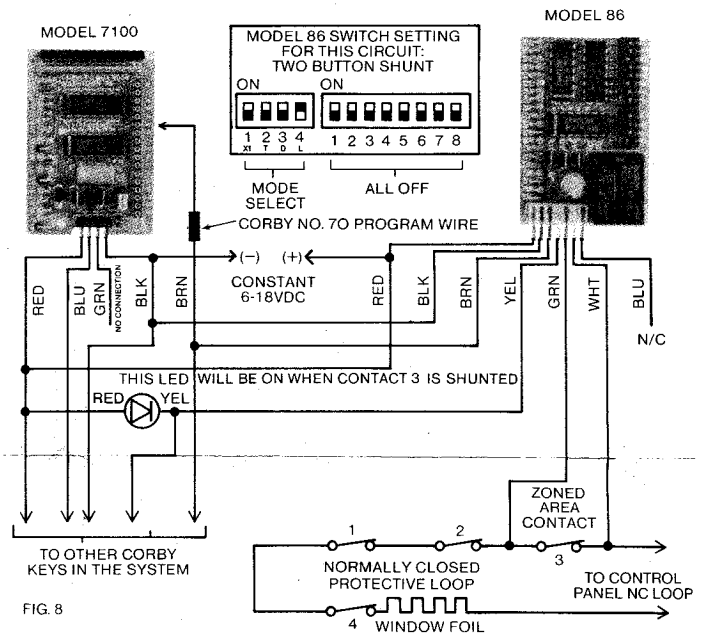


FIG. 8

**If it's Corby...
It's the Best!**



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