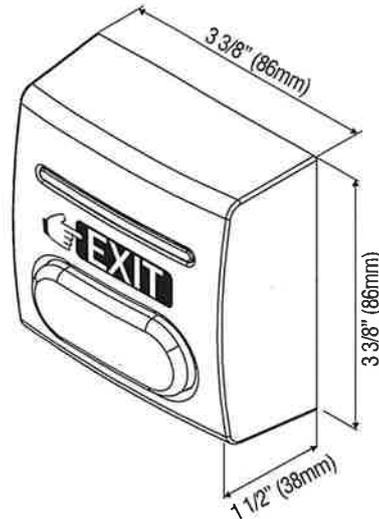


PBT-1000 Push Button Operation Instructions

◆ Specifications

Model	PBT-1000
Operating Voltage	12/24VDC
Current Draw	30~40mA/12VDC 40~60mA/24VDC
Relay Contacts	NC/COM/NO
Contact Rating	3A/24VDC 3A/120VAC
Output Time	0~60 seconds
Indicator Light	Red/Green (Solid/Flashing Mode)
Temperature	-20~+70°C

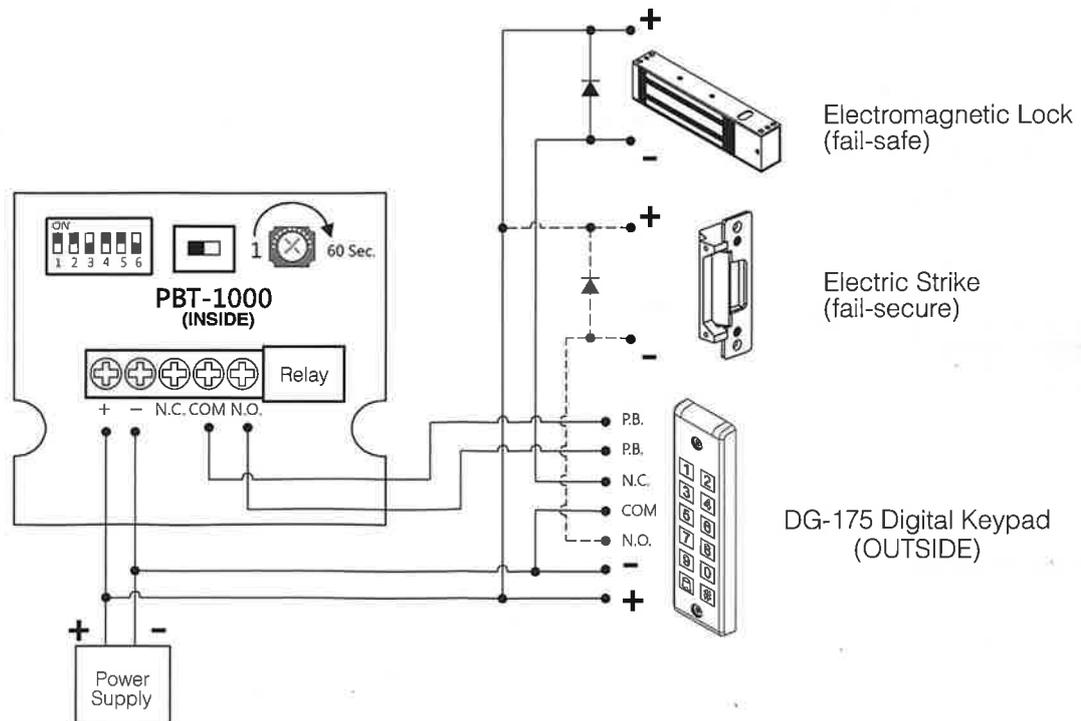


◆ Wiring Diagram

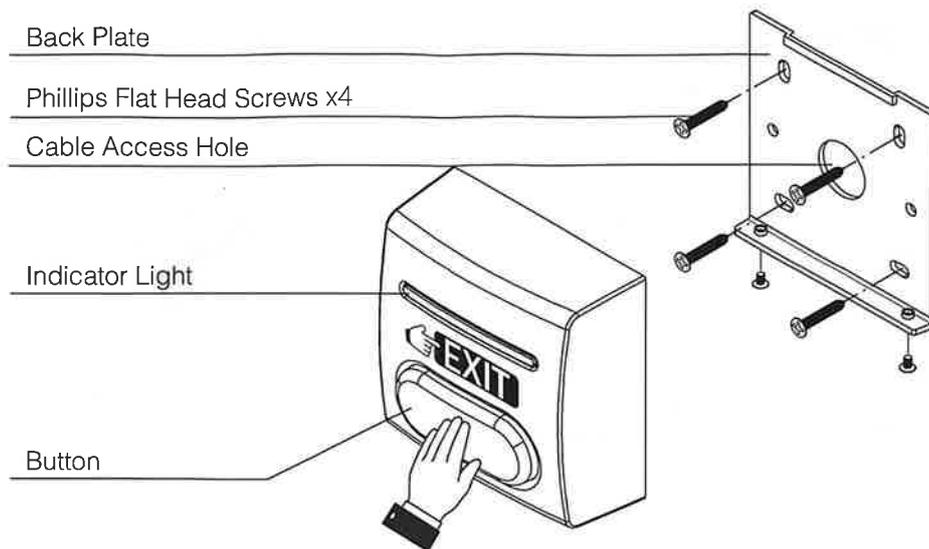
The PBT-1000 includes one pair of NO and NC output contacts, which can directly connect to a locking device or connect in parallel or series with access control systems.

Note:

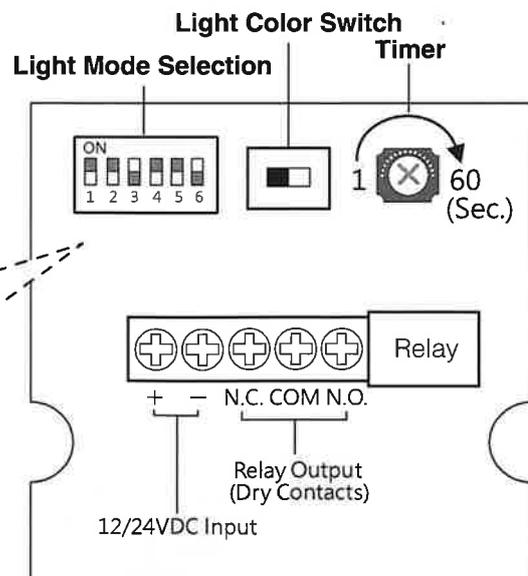
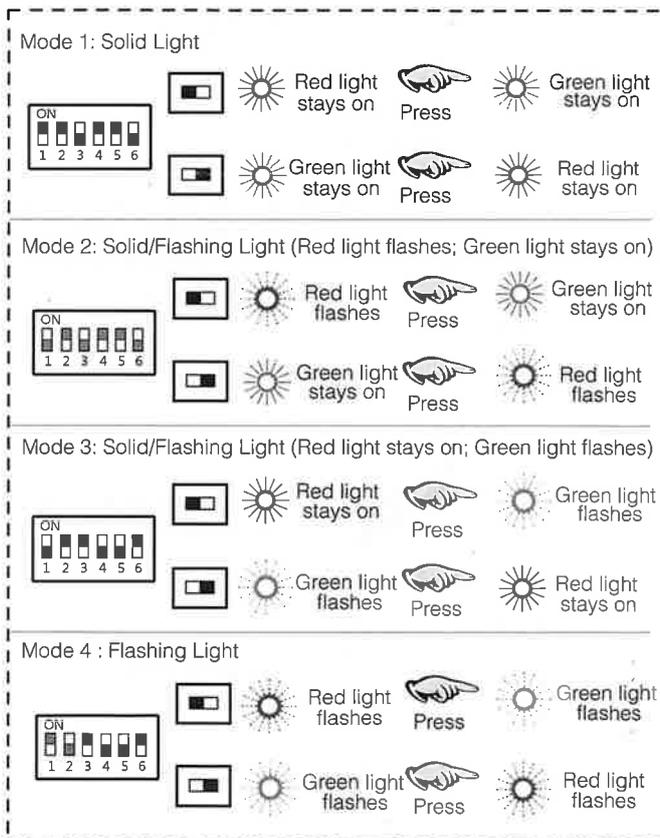
1. Make sure that the power input and relay rating output (3A 120VAC/3A 24VDC) are correct.
2. Make sure that the "+" and "-" wires are connected correctly.
3. The door strike or relay must have a varistor or a diode across the door strike terminals to suppress the back EMF of the strike. Failure to do so will damage the relay contacts and electronic components, or even burn the controller.



◆ Installation Diagram



◆ DIP Switch Settings



◆ Warranty

The product is warranted against defects in material and workmanship while used in normal service for a period of 1 year from the date of sale to the original customer. The GEM policy is one of continual development and improvement; therefore GEM reserves the right to change specifications without notice.