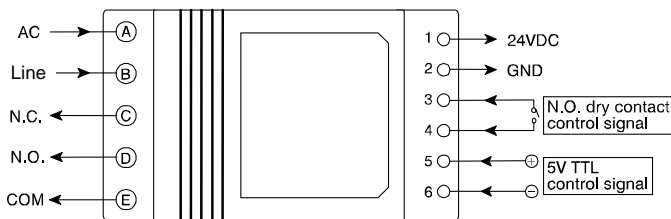


### Installation Instructions

#### GENERAL

The SF200-001 is a 24 VDC power pack and controller designed for automatic control of various applications. This device provides not only 24 VDC power up to 200 mA, but also form C power switching relay up to 10 Amp. Control signal input can be either dry contact or 5V TTL electronic switching. To assure optimum control of this device, please read the following instruction thoroughly before connecting the wires.

#### WIRING DIAGRAM



Two rows of terminal blocks are available for wiring connections. Terminals 1 through 6 are for 24 VDC power and control signal inputs. Terminals A through E are for AC mains input and power switching relay contacts.

#### DC Power Supply and Control Signals

- 1 Positive polarity of 24 V DC power.
- 2 Ground of 24 V DC power.
- 3 For N.O. dry contact control signal input.
- 4 For N.O. dry contact control signal input.
- 5 For positive (H) of 5V TTL control signal input.
- 6 For negative (L) of 5V TTL control signal input.

#### AC Line Voltage Input and Relay Contacts

- A,B** 100~240 VAC line voltage input  
**C** N.C. relay contact output  
**D** N.O. relay contact output  
**E** Common port of relay contact



#### WARNING

- **Switch OFF main power before wiring to avoid electric shock.**
- **The unit should be installed with a protective cover.**



#### WARNING

- **READ THESE INSTRUCTIONS CAREFULLY BEFORE ATTEMPTING TO INSTALL, OPERATE OR SERVICE THIS DEVICE.**
- Failure to observe safety information and comply with instructions could result in **PERSONAL INJURY, DEATH AND/OR PROPERTY DAMAGE.**
- To avoid electrical shock or damage to equipment, disconnect power before installing or servicing.
- To avoid potential fire and/ or explosion do not use in potentially flammable or explosive atmospheres.
- Retain these instructions for future reference. This product, when installed, will be part of an engineered system whose specifications and performance characteristics are not designed or controlled by PECO, Inc.. You must review your application and national and local codes to assure that your installation will be functional and safe.

**CAUTION**



Use Copper wire only, insulate or wire nut all un-used leads.

