APPLICATION
The R845A Switching Relay provides dpst switching for hydronic zone controlled heating systems or spst control of 2 separate loads. One load must be line voltage; the other may be either line or low voltage.

The R845A may be directly controlled by any 2-wire series 80 thermostat, such as the T86A Round Thermostat or T852A Electric Clock Thermostat.

Terminals 3 and 5 are not connected to an internal power source. Connections must be made to the R845A power supply or a separate power supply.

INSTALLATION

CAUTION
1. Installer must be a trained, experienced serviceman.
2. Disconnect power supply before connecting wiring to prevent electrical shock and equipment damage.
3. Conduct thorough checkout before leaving installation.

LOCATION AND MOUNTING
The R845A Switching Relay should be mounted vertically on a firm partition or wall as near as possible to the controlled equipment (see Fig. 1 for mounting dimensions).

WIRING

CAUTION
Disconnect power supply before connecting wiring to prevent electrical shock and equipment damage.

All wiring must comply with applicable codes, ordinances, and regulations. Provide disconnect means and overload protection as required.

See Figs. 3 and 4 for typical connection diagrams.

IMPORTANT
When using the R845A to control both line and low voltage loads, always use terminals 5 and 6 for the low voltage load.
Fig. 3—Typical connections in a multizone hydronic heating system; suitable for any number of additional zones.

Fig. 4—Typical hookup for controlling 2 loads.

CHECKOUT

Check completed installation for proper connections and for correct operation of all system components.