Instructions for installation

24Vdc Double Pole Double Throw Boiler/Pump Relay

Mechanical Installation: The relay comes mounted inside an electrical access box on a DIN rail. Mount box securely on wall in accordance with local electrical and building codes!

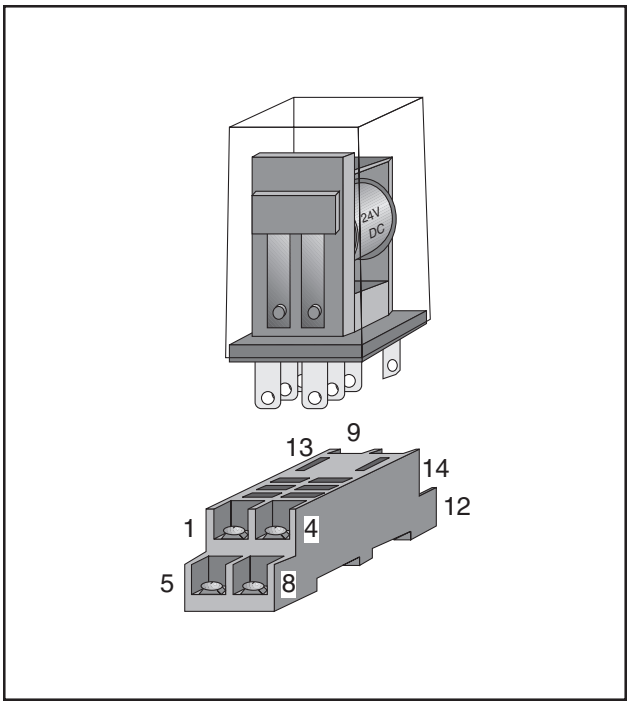
NOTE: When used to switch a circulating pump, the box will carry 110V!

Electrical Installation: Wiring connections are made at the base of the relay. Terminals should be checked with the relay unplugged. Wiring as per diagram below. Please note that the relay contacts are rated for a maximum current of:

- 10A resistive, 7.5A inductive at 110Vac, 1/4 HP
- 7.5A resistive, 5.0A inductive at 220Vac, 1/3 HP
- 10A resistive, 7.5A inductive, 30Vdc

24Vdc is required to energize the relay coil. The relay coil uses 0.9VA when powered.

NOTE: All 110V electrical connections should be made by a certified electrician. All wiring and installation as per applicable local electrical codes!



Operation: When 24Vdc is applied to terminals 13 & 14, the coil is energized and the Normally Open contacts will close at the same time as the Normally Closed contacts open. When the 24Vdc is removed, the spring will automatically return the relay to the power-down position.

All diagrams show relay in an unpowered position.