Pizza Holding Cabinet

HMC-10

SPH-5

The **HMC-10** has 3 Hybrid switches capable of switching up to 240 VAC at 20 amps. The built in transformer allows the **HMC-10** to be directly connected to the mains. It's internal regulators provide 5VDC out to power peripherals controllers. It offers Renau's single wire communication protocol to reduce the cost and complexity of the wire harness.

The **SPH-5** is user interface module that communicates with the host controller over Renau's single wire communication network. 3 0.56" 7-segment displays show the operator system information. 3 push buttons allow the operator to manage settings and options using a custom menu designed for the specific system.

The **SHS-2** is a humidity and temperature sensor that communicates over Renau's single wire communication network.

In the *Pizza Holding Cabinet* the **HMC-10** uses a temperature probe to measure the internal temperature of the oven. Regulated temperature is maintained using one of the **HMC-10** hybrid switches to control power to the main heater. Another hybrid switch is then used for the convection fan. Control of the convection fan allows the *Pizza Holding Cabinet* to circulate the warm air when the door is closed and turn off when open, or stay off completely if a soak cycle is desired. The third hybrid switch of the **HMC-10** is used for a water heater if humidity control is required. The **HMC-10** will control the humidity in conjunction with the **SHS-2**.

The **SPH-5** will display times, temperature, and humidity along with providing the ability to change set points.