

Temperature & Humidity Relay Solves Multi-Function Flexibility through Six Modes of Operation.

Microteknix announces the addition of several operating modes to its EPC-2374 environmental protection and control relay for vast protection & control applications.

Pottstown, PA, Feb 02, 2009 — Microteknix solves the need for a wide range of environmental protection and control applications with the addition of operating modes to the EPC-2374. With a broad range of customer requirements, the EPC-2374 can be configured for one of many specific applications.

Ambient temperature, humidity, external RTD temperatures and dewpoint are digitally monitored and processed. Trip thresholds may be configured for absolute setpoints as well as window of range. For customers requiring strict temperature or humidity regulation, the unit may be placed into regulation mode. The six modes of operation are:

- Trip above (threshold above a temperature or humidity setpoint)
- Trip below (threshold below a temperature or humidity setpoint)
- Inside window (protect or control inside a range)
- Outside window (protect or control outside a range)
- Regulate heat (regulate heat setpoint or humidity)
- Regulate cool (regulate cool setpoint or humidity)

The EPC-2374 is well known for its capability of logically controlled outputs. The built in logic engine allows the user to configure an output on the customers specific logic. The logic engine supports up to four nested levels of user created logic, allowing for a flexible number of applications. In addition to its protection and control functions, the unit records time and date stamped formatted event logs. In addition to event recording the unit records peak high/low data. A configurable data logging mode allows for any monitored input to be recorded and captured to a PC with an import-ready data file. Fail-safe outputs, configurable hysteresis and a power fail output results in a highly reliable and flexible solution.

For more information on the powerful capabilities of the EPC-2374, visit www.microteknix.com

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About Microteknix

Microteknix provides solutions, products and custom services for the industrial and commercial electronics markets. Based in Pottstown Pennsylvania, Microteknix strives to provide reliable solutions backed by experience. Additional information about Microteknix is available at www.microteknix.com.

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