

# SD LIMIT CONTROLLER



**H-RCDR-SD6L-HJAA-AARG**

**FEATURES:**

- Microprocessor-based, user programmable
- 1 Universal input, 3 outputs
- Output 1, latching mechanical relay limit output
- Communications

**POWER:**

- 100 to 240V ~ (ac) + 10%; -15%; 50.60 Hz, ±5%
- 24V (ac/dc) + 10%; -15%; 50.60 Hz, ±5%, Class 2 power source is required for low voltage model
- 10VA maximum power consumption

**DIMENSIONS:** 1/16 DIN Size, 3.85" Behind Panel (max.), 2.05" width, 2.05" height

**OUTPUT TYPES:**

**Open Collector**

- Maximum voltage: 42V (dc)
- Maximum current: 250 mA

**Switched DC**

- Supply voltage minimum: 6V (dc) @ 30mA
- Supply voltage maximum: 12V (dc) into an infinite load

**Solid-state Relay**

- Optically isolated
- Zero cross switched
- Without contact suppression
- Minimum load current: 10 mA rms
- Maximum current: 0.5A rms at 24 to 240V ~ (ac)
- Maximum offstate leakage current: 100µA rms

**Process**

- Range selectable: 0 to 20 mA, 4 to 20 mA, 0 to 5V (dc), 1 to 5V (dc), 0 to 10V (dc)

## MANUAL RESET HIGH LIMIT CONTROL

These controls have open-on rise action and are specifically designed to prevent dangerous conditions due to excessive temperatures. They have a non-cycling manual reset feature, which means that if its contacts open due to the temperature exceeding its dial setting, the contacts will not close until the reset button is pushed. The control also has a pilot light, which indicate that the contacts have tripped open due to excessive temperatures.

- Temperature Range: 40°C - 260°C (100°F - 500°F)
- Bulb Diameter – 5/16
- Bulb Length – 3"
- Extra 3.8" compression fitting
- Nickel plated bulb & capillary material
- Capillary length: 7 ft



**H-RTDR-WHA2-6000-0000**

## ETC SINGLE STAGE TEMPERATURE CONTROL



**H-RTDR-ETC1-1110-0000**

The ETC is a microprocessor – based electronic temperature control designed to provide on/off control for commercial heating, ventilating, air conditioning and refrigeration. The ETC is equipped with a liquid crystal display (LCD) that provides a constant readout of the sensed temperature, and a touch keypad that allows the user to easily and accurately select the setpoint temperature, differential and heating/cooling mode of operation. The ETC control can accept either 120 or 208/240 VAC input power

**FEATURES:**

- Wide setpoint temperature range (-30°F to 220°F) and differential adjustment (1°F to 30°F)
- Simple keypad programming of setpoint temperature, differential and cooling/heating modes.
- LCD readout of sensor temperature, control settings, relay status and onboard diagnostics
- Remote temperature sensing up to 400 feet
- SPDT output relay
- User-selectable Fahrenheit/Celsius scales
- Lockout switch to prevent tampering by unauthorized personnel.
- Sensor thermistor – 2 in. long x 0.25 in. diameter with 8 ft cable, silicone tip

**EXTRA SENSORS - H-RTDR-1309-0070-4400**

**OTHER MODELS AVAILABLE – CONTACT SALES DEPARTMENT**

# WEST HEAT INDUSTRIES LTD