

# DIGITAL THERMOSTAT

**model:**        **series SDH-2-HP-.....**

## SPECIFICATIONS:

Supply Voltage:    120Vac or 208-240Vac, 60 or 50 Hz.  
                          12 or 24V AC/DC

Power Cons.:        2.5VA max.

Internal relays:     1 pole, N.O.

Contact rating:     30 Amp, 240 Vac max., Arc-Free.

Load conn.:         Common or Independent from Supply

Wiring:

Power:                Quick Connect 0.25" male

Load                  Quick Connect 0.25" male

Probe:                Screw terminal

  

Display:              Red LED, 3 digits, 0.36" high

Error detect:        Yes, Automatic

  

Thermostat:

Preset range:        CUSTOM

Control range:      CUSTOM

Preset resol.:        CUSTOM

Preset control:      Rotary on face plate appx. 250 deg. rotation

  

Differential:        +0/-0.5C (1F) + 5 sec. ON delay minimum

High Limit:         CUSTOM

  

Temp. Sensors:     Electronic, 1%,  
                          Metal Tubular 25mm x5mm

Time Response:     appx 2 minutes (in air) to 90% of step

Sensors range:      -40C to +140C (-40F to +284F)

Sensors wiring:     2-cond. Low Volt. wiring  
                          up to 500 ft. (150m) any wire type  
                          20 to 24 AWG recommended

  

Controller ambient operating temperature:    0 to +70C

Controller ambient operating humidity:        85% RH max.  
  non-condensing

Storage temperature:                            -20C to +90C

  

Size:                    Fits in 1-gang electrical wiring box

Dimensions:           1-3/4" x 2.75" x 2.5" ( 45mm x 70mm x 64mm ) (WxHxD)

Face Plate:            Stainless Steel 2.75" x 4.5" ( 70mm x 114mm )  
                              with plastic decal (may be customized)

