

# Thermoelectric Temperature Controller



Thermoelectric Temperature Controller printed circuit board provides PWM (Pulse-Width-Modulation) regulation of cooling and heating output for TEC units.

## FEATURES

Provides PWM (Pulse-Width-Modulation) regulation of cooling and heating output for TEC units

Automatically switches between cooling and heating

4 cooling temperature set points range from 22.5 C to 35 C (35 C Factory Setting)

3 heating temperature set points range from -5 C to 15 C (15 C Factory Setting)

Heating function can be easily disabled if desired

On-board LEDs indicate low temp, high temp alarm, and overall system status

Dry contact relay output provides for external alarm indication

## SPECIFICATIONS

Table 1/1

Catalog Number	Article Number	Height	Width	Depth
TEC24VCNTRLRN	27636	81mm	165mm	1mm
TEC48VCNTRLRN	27637	81mm	165mm	1mm

## WARNING

nVent products shall be installed and used only as indicated in nVent's product instruction sheets and training materials. Instruction sheets are available at [www.nvent.com](http://www.nvent.com) and from your nVent customer service representative. Improper installation, misuse, misapplication or other failure to completely follow nVent's instructions and warnings may cause product malfunction, property damage, serious bodily injury and death and/or void your warranty.



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