



TLC_24



24VAC, Temperature Limit Controller for energy saving. Turns off/on compressor as per adjustable temperature limits.

Features

- Energy Saving, cost effective Controller
- Adjustable temperature limits for Cool / Heat using 2 manual knobs
- Power supply - 24VAC
- Easy, quick installation for any existing A/C
- 1A, 24Vac output for compressor relay
- With or without compressor delay (to protect compressor) – jumper selectable
- TLC_24 installation requires no modification in the existing room devices (wall panel or RC)
- No decline in convenience to user
- Return On Investment (ROI) is fast
- Dimensions: 2.15" X 2.15" X 0.86"

General

The TLC_24 is a simple, yet efficient Temperature Limit Controller which offers substantial energy saving of Air Conditioning by limiting the effective Temperature Set point

The TLC_24 is compact and easy to install at any existing A/C system. By connecting the compressor relay line to the TLC_24, the TLC_24 overrides the AC control system and therefore can limit the Cool/Heat set points.

Limit Cool & Limit Heat values are manually configurable. If ambient temperature from the return air sensor exceeds the predefined limits, the compressor will stop working. The TLC_24 will automatically re-operate the compressor according to these values.

The TLC_24 allows significant energy saving in both commercial or residential applications while investment is minimal and installation is quick and simple.

Field tests showed an average of 40% energy saving of compressors operation time while the TLC_24 was in use.

Connections

