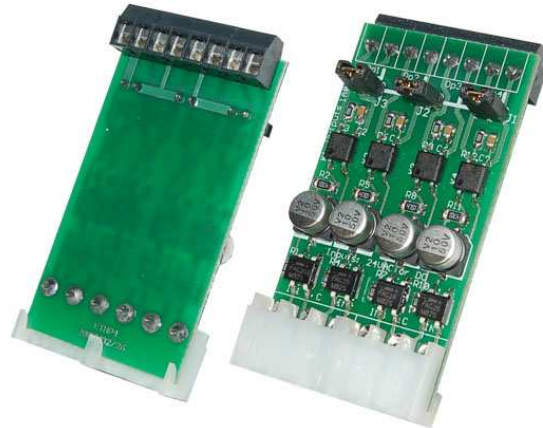


## FOUR CHANNEL RELAY INTERFACE FOR DDC

### FEATURES:

- ◆ Four Independent Channels
- ◆ Compact Size
- ◆ Input/Output and per channel isolation
- ◆ Universal Input (AC/DC)
- ◆ Outputs rated up to 600mA @ 60VDC
- ◆ Easy “snap-in” wiring



### APPLICATION:

The ETHP4 is a four-channel dry contact relay interface board designed for use with DDC systems that do not have ‘on-board’ relay output.

The ETHP4 is ideal for use as an interface to heat pumps or other loads that require a dry contact output. The board may be used with controllers that offer 24VAC (triac) or 10VDC analog outputs.

### SPECIFICATIONS:

<b>Power:</b>	Powered by DDC panel or input driver
<b>Input:</b>	Four 10 –24VAC/VDC (two x center common)
<b>Output:</b>	Bi-directional, normally open relay. 0.4 ohms MAX when closed. 60V (peak AC/DC) @ 0.6A
<b>Input Connector:</b>	5.08 mm (0.2") (6-position) PC Board Connector (quick connect to DDC panel)
<b>Output Connector:</b>	3.5mm (8-position)
<b>Dimensions:</b>	(LxWxT) 56 x 31 x 12mm (2.21 x 1.22 x 0.47in)

### PRODUCT DESCRIPTION:

The ETHP4 was designed to interface DDC controllers without relay outputs to devices that require switching via a dry contact. The ETHP4 features four output channels (isolated from both the input and each other). Each output functions as a N.O. dry contact relay rated up to 600mA @ 60V (AC/DC).

The relays may be used for direct switching of low voltage AC or DC loads (up to 0.6A), or as pilot relays providing three-way isolation.

On board headers allow for jumpering the contacts to provide excitation to “wet” the relay outputs via only one power supply wire (ideal for heat pump control).

The board features a 5.08mm vertical connector that plugs directly onto a wide variety of DDC systems. On board snubbing circuitry protects the relays from EMF. The ETHP4 inputs may be triggered by 24V AC triac outputs, or 10V DC analog outputs.

### ORDERING INFORMATION:

ETHP4 fully describes this product.



ETHP4 mounted on DDC controller