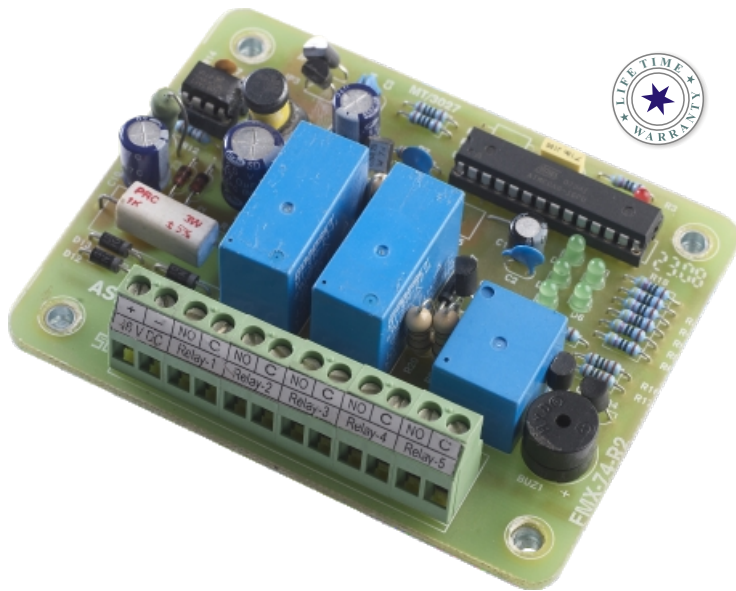


# TEMPERATURE MONITORED FAN-TRAY CONTROLLER

## Series FTC



## SPECIFICATIONS

<b>Model</b>	FTC-4 and FTC-6.
<b>Type</b>	Microcontroller based Temperature monitored Fan Tray Control.
<b>No. of fans</b>	Four / Six.
<b>Monitoring</b>	Ambient temperature in Panel.
<b>Control outputs</b>	Four Relay change-over contacts for Fan Switching.
<b>Contact Rating</b>	10 Ampere @ 230 VAC.
<b>Ambient Temp Sensor</b>	Electronic, built-in.
<b>Temp Range</b>	0 to 80.0 °C.
<b>Status Display</b>	Red LED for each fan.
<b>Power Supply</b>	230 VAC, 50 Hz.
<b>Execution</b>	19" Rack mounting - 1U.
<b>Enclosure</b>	Extruded Aluminum housing.
<b>Dimensions</b>	44.5 (H) x 483 (W) x 200 (D) mm.
<b>Colour</b>	Silver + Black.
<b>Weight</b>	Approx 1.5 kg.
<b>Ambient Temp.</b>	0 to 50 °C.
<b>Accessories</b>	Power Cord, Converter for PS2/USB.

## OVERVIEW

The ASHE FTC-4 and FTC-6 are a range of compact, rugged and reliable indicating and control products designed for accurate measurement applications in Server Racks and Data Centre instrumentation.

The FTC temperature monitored Fan-Trays are micro-controller based devices fitted in the Fan Tray which switch the Exhaust fans On or Off depending on the prevalent temperature in the Rack or Panel. The Controllers are designed to monitor and control the temperature within the Server Rack to ensure smooth and safe operations.

The device has a precision temperature Sensor which continuously measures the ambient temperature and sequentially switches the fans On or Off at preset temperature settings or differential steps of 2-3 degrees Cent, as desired.

Apart from offering power-saving, noise reduction and fan life enhancing features, it is also an effective safety device that protects the expensive hardware and software in the rack from possible damage due to temperature over-shoots or power related failures. This greatly enhances the life of the fans and also reduces the load on the power supply or UPS system. Besides, it greatly reduces the droning hum of fans operating together by switching on only the required number of fans.

Further, the instrument is manufactured using selected high-grade components which guarantee its reliability and long operational life.

All ASHE range of instruments carry a lifetime warranty against defects in design and workmanship.

## FEATURES

- Micro-controller based design
- Significant saving in power
- Automatic temperature control within Rack
- Considerable enhancement of Fan life
- Plug & Play operation
- Ambient Temperature sensing & control
- Minimized noise level of exhaust fans
- Remote alarm for temperature abnormalities
- Reduction of load on UPS
- Protection of expensive Rack mounted equipment
- Slim aesthetic design.
- Very low power consumption and heat dissipation
- Fully configurable
- Monitors safety of rack equipment.
- Compact 1U panel enclosure
- Standard 19" rack mounting
- Proven record of several thousand installations
- Lifetime warranty on design and workmanship