

3ZTC Three Zone Temperature Display

OVERVIEW

The ASHE 3ZTC Three Zone Temperature Display is a compact, rugged and reliable indicating instrument which has been specifically designed for accurate temperature measurement and monitoring applications in Server Racks.

Three miniature Temperature Sensors on extended 2 metre length cables are connected to the temperature display module. Each of these Sensors may be placed at any desired location in the Rack or may be suspended over the area to be monitored for temperature.

The Digital Indicator module which is mounted on the door of the rack, displays the actual temperature at each of these three locations, in sequential order and at a pre-defined scan rate (default is 5 seconds). The temperature values are displayed on a 3-digit seven-segment red LED digital display module.

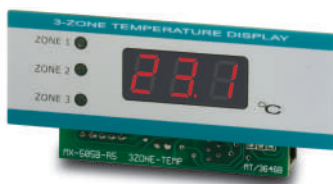
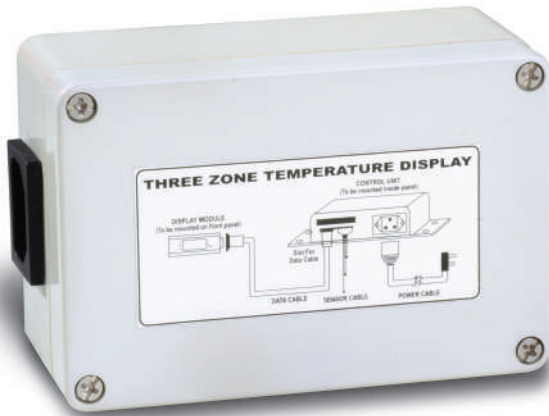
Further, three LEDs sequentially indicate the zone number which is being monitored at any given time while it's corresponding temperature is indicated on the display.

The instrument can measure temperature between 00.0 to 99.9 degrees Centigrade and operates on a power supply of 230 V AC Mains supply, unless specified otherwise.

The three-zone Digital temperature Indicator is therefore a complete temperature monitoring solution for Server Rack applications because of it's versatility and inherent accuracy in temperature measurement, besides other superior characteristics like total immunity to Shocks, Dust, Ambient temperatures, Humidity and Corrosive atmospheres.

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

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



SPECIFICATIONS

Model	3ZTC.
Type	Digital temperature display of three panel zones.
Type of display	3 digit Red LED display.
Zone Indication	By Yellow LEDs.
Temp Sensors	Three electronic temperature sensors on extended cables.
Cable Lengths	Three plug-in Cables of 2 metres each.
Measurement Range:	0 to 55°C.
Display	Sequential monitoring and indication of temperatures in three zones of the Server Rack.
Power Supply	230 V AC, 50 Hz.
Execution	Wall mount enclosure for microcontroller circuit with Door-mounted Display panel.
Weight	Approx 1.0 kg.
Ambient Temp.	0 to 50°C.
Accessories	Power Cord, Converter for PS2/USB.

FEATURES

- Micro-controller based design
- Bright red 3-digit LED display for temperature
- Plug-in Sensor Cables
- Ambient Temperature indications
- Slim aesthetic design.
- Plug & Play operation
- Very low power consumption and heat dissipation
- Fully configurable
- Compact enclosure
- Standard rack mounting
- Proven record of several thousand installations
- Lifetime warranty on design and workmanship