

TEMPERATURE TEST MODULE

Model Number : GOTT-MFSS-TTM2




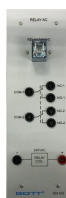







DESCRIPTION

The Temperature Test Module has been designed to teach the use and applications of sensors of temperature as a measure, and its control. We have a half-open space in whose interior there are two lamps that are going to heat that space. Temperatures will be around 40°C in the lower part and around 80 °C in the upper part. To measure the temperatures there are different type of sensors placed in different positions that are at different distances from the warming source, in order to get higher or lower temperatures. Relay Among the sensors there are thermostat sensors. The thermostat sensors contain a contact, that is closed at a precise temperature, which can be directly chosen with a numbered dial placed on the thermostat. There is also a switch sensor and thermocouple.

Sensors: Capillary thermostat, adjustable bimetallic thermostat, upper and lower heating block, magnetic block and type k temperature sensor.

PRODUCT MODULES

MAINS POWER SUPPLY	CODE 452-026	DC POWER SUPPLY	CODE 955-124	HALOGEN LAMP	CODE 624-831	RELAY AC	CODE 624-832	
<ul style="list-style-type: none"> Input voltage: AC220-240V 		<ul style="list-style-type: none"> Input voltage: AC220-240V Output Voltage: <ul style="list-style-type: none"> +24VDC/2A +12VDC/7A +5VDC/7A 		<ul style="list-style-type: none"> Halogen Lamp 		<ul style="list-style-type: none"> Relay Coil : 240 VAC 		
<ul style="list-style-type: none"> Power: AC 250V 16A Type: NC 	CODE 624-833	<ul style="list-style-type: none"> AC250V 16A bimetallic discs adjustable heating limiter hot thermostat Power: AC 250V 16A 	CODE 624-834	<ul style="list-style-type: none"> Upper Part Heating Block (-80°C) Lower Part Heating Block(-40°C) Thermostat Switch Type: NC 	CODE 624-835	<ul style="list-style-type: none"> Magnetic Bar 	CODE 624-836	
<ul style="list-style-type: none"> Thermocouple Type K (-50°C) to (+350°C) 	CODE 624-812	<h3>EXPERIMENT TOPICS</h3> <ul style="list-style-type: none"> To understand the Curie Effect theory. To measure Curie temperature of a ferrite To use the bimetallic thermostat as a temperature controller. To use the Bimetallic Switch Sensor that will cut off at 50°C to control the temperature. To study the function of the capillary thermostat 						

Manuals :

- (1) All manuals are written in English.
- (2) Model Answer
- (3) Teaching Manuals

General Terms :

- (1) Accessories will be provided where applicable.
- (2) Manual & Training will be provided where applicable.
- (3) Design & specifications are subject to change without notice.
- (4) We reserve the right to discontinue the manufacturing of any product.

Warranty :
2 Years

ORDERING INFORMATION :

ITEM	MODEL NUMBER	CODE
TEMPERATURE TEST MODULE	GOTT-MFSS-TTM2	624-801

*Proposed design only, subject to changes without any notice.