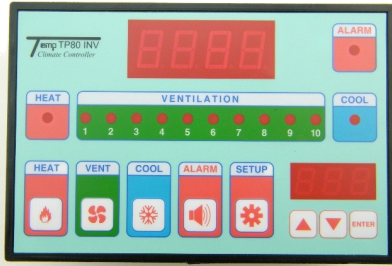


# CLIMATE CONTROLLER TEMP TP80

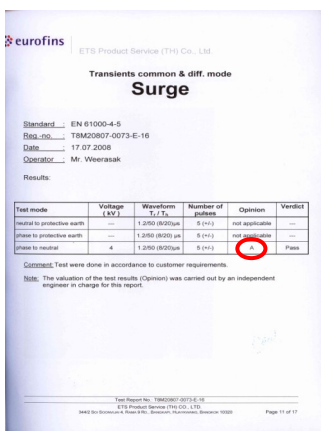
## Products Data

TP80 is controller design for the ventilation, which can control the temperature and the humidity for the feeding farm, green house and in the industrial factory.



## Specification Temp TP80

- Ability to show temperature °C and relative humidity %RH.
- Have a light indicator shows ON - OFF status, for the equipment control
- Indoor Temperature sensor : 1 set
- Outdoor Temperature sensor : 1 set (option)
- Humidity sensor: 1 set (option)
- The accuracy of temperature and humidity are 0.1 °C and humidity 0.1 % RH respectively.
- Ability to recalibrate temperature and humidity
- Ability to control 10 fans, 1 pump , 1 heater and 1 alarm.
- Ability to adjust the speed of fans
- Ability to set the delay time for opening fans
- Ability to control fan with inverter



Temperature sensor



Humidity sensor

## Input

### 1. Temperature sensor

Measurement range temperature	-10.0 – 70.0 °C
Accurate value	0.1 °C
Deviation value	±1 %

### 2. Humidity sensor

Measurement range relative humidity	0.0-99.9 %RH
Accuracy value	0.1 %RH
Deviated value	±5 %

## Output

1. Relay for Heater	1	set
2. Relay for fan	10	set
3. Relay for pump	1	set
4. Relay for alarm	1	set
5. Output 0-10 Volt for control Inverter	1	set



INNOVATION GENERATES SUCCESS  
 GAS GENERATION  
 FARM AUTOMATION  
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## Technician Data

Circuit system	Electricity pressure	220 (+/-10%)	VAC
	Frequency	50	Hz
	Electric current	80	mA (AC)
Fireproofing rate for relay		250 VAC, 3A	
Temperature for using		-20 - 60 °C	
Temperature for keeping		-30 - 70 °C	
Dimension		135 x 90 x 80 mm. (width x long x high)	
Weight		710 g	

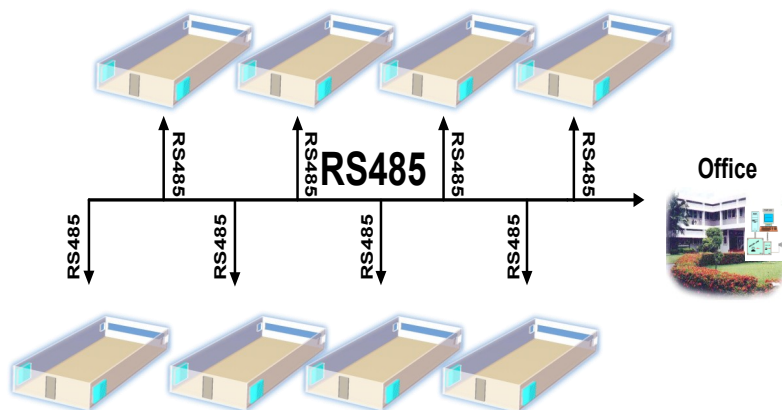
## EMC test SURGE SURGE-EN 61000-4-5 [CLASS A]

A = The apparatus shall continue to operate as intended during and after the test. No degradation of performance or loss of function is allowed below a performance level specified by the manufacture, when the apparatus is used as intended. The performance level may be replaced by a permissible loss of performance. If the minimum performance level or the permissible performance loss is not specified by the manufacture, either of these may be derived from the product description and documentation and what the user may reasonably expect from the apparatus if used as intended.

B = The apparatus shall continue to operate as intended after the test No degradation of performance or loss function is allowed below a performance level specified by the manufacture, when the apparatus is used as intended. The performance level may be replaced by a permissible loss of performance. During the test, degradation of performance is however allowed. No change of actual operating state or stored data is allowed. If the minimum performance level or the permissible performance loss is not specified by the manufacture, either of these may be derived from the product description and documentation and what the user may reasonable expect from the apparatus if used as intended.

C = Temporary loss of function is allowed, provided the function is self-recoverable or can be restored by the operation of the controls.

D = Temporary loss of function is allowed, provided the function is self-recoverable or can be restored by the operation of the controls.



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