

# AC POWER SUPPLY SPECIFICATION



## MODEL NO - RND 320-00065

### INPUT

|                                      |                |
|--------------------------------------|----------------|
| INPUT VOLTAGE                        | 100 to 240 VAC |
| INPUT FREQUENCY                      | 60/ 50 Hz      |
| PROTECTIVE DEVICE                    | Fuse, 1A 250V  |
| NO LOAD POWER CONSUMPTION            | <0.1W          |
| INPUT FULL LOAD CURRENT (at 100 Vac) | 0.35A          |

### OUTPUT

|                |        |
|----------------|--------|
| OUTPUT VOLTAGE | 24V dc |
| OUTPUT CURRENT | 750mA  |

### OVERALL PERFORMANCE

|                    |                           |
|--------------------|---------------------------|
| TOTAL OUTPUT POWER | 18 W Max                  |
| EFFICIENCY         | Comply with ErP; level VI |

### PROTECTION

|                           |                                   |
|---------------------------|-----------------------------------|
| ■ OVER CURRENT PROTECTION | ■ SHORT CIRCUIT PROTECTION        |
| ■ OVERVOLTAGE PROTECTION  | ■ L.P.S (Limits for power source) |
| ■ OVER POWER PROTECTION   | □ AUTOMATIC THERMAL PROTECTION    |

### HI-POT

|                      |                                  |
|----------------------|----------------------------------|
| INPUT TO OUTPUT      | 3000Vac 5 mA 50 Hz               |
| INPUT TO CASE        | 3000Vac 5 mA 5Hz                 |
| OUTPUT TO CASE       | 500 Vac 5 mA 50Hz                |
| ISOLATION RESISTANCE | 100 M Ohms I/P-O/P I/P/Enclosure |
| APPLIANCE            | Class II                         |

### ENVIRONMENTAL

|                       |                            |
|-----------------------|----------------------------|
| OPERATING TEMPERATURE | 0 °C to 40 °C              |
| STORGE TEMPERATURE    | -20 °C to 60 °C            |
| OPERATING HUMIDITY    | 20%-85% RH. NON-CONDENSING |
| STORGE HUMIDITY       | 10%-90% RH. NON-CONDENSING |

### APPROVAL

|                  |                          |
|------------------|--------------------------|
| SAFETY STANDARDS | EN62368-1:2014+ A11:2017 |
| EMC              | EN 61204-3:2000          |

### RELIABILITY

|         |                                       |
|---------|---------------------------------------|
| MTBF    | 30000 Hours min                       |
| BURN-IN | 4 Hours 25°C, full load, 220Vac, 50Hz |

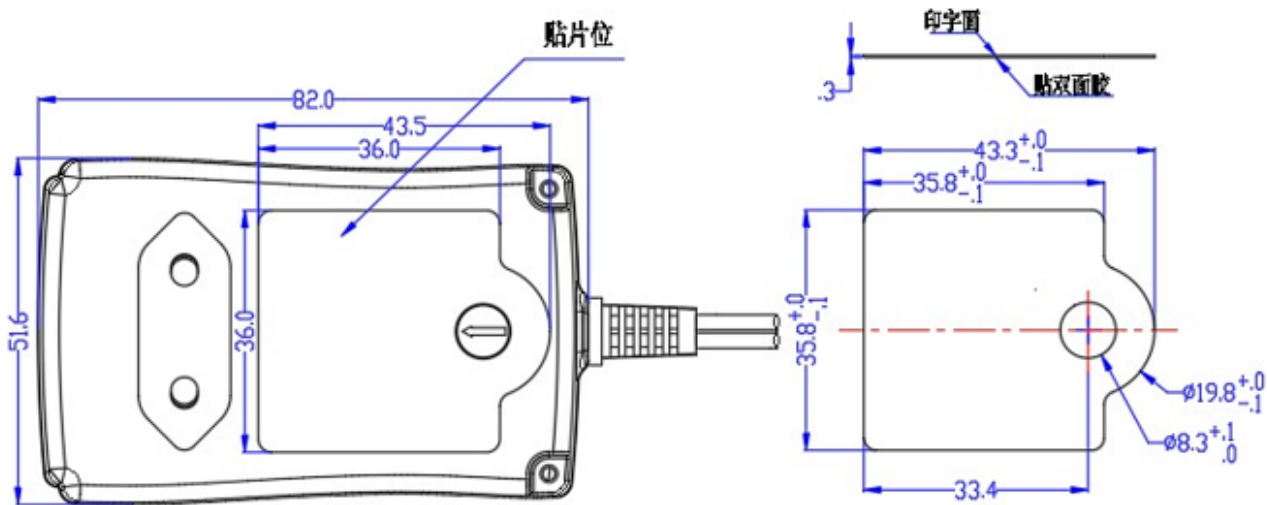
## MECHANICAL SPECIFICATION\

|                  |  |
|------------------|--|
| DIMENSION        | 82 mm(L)* 51.6 mm(W)* 35.9 mm(H) (excluded plug)<br>82 mm(L)* 51.6 mm(W)* 73.2 mm(H) (included plug) |
| WEIGHT           | 130g (excluding packaging)   |
| INPUT PLUG       | Direct plug-in; EU type  |
| OUTPUT CABLE     | 1.8m Black and white wires,  |
| OUTPUT CONNECTOR | Plug E: 5.5x2.1/12   |

## OTHER SPECIFICATIONS

|                    |  |
|--------------------|--|
| TIME SEQUENCE      | <p>Time sequence should be satisfied to power ON/OFF, restart inpower failure<br/>AC switch at ON/OFF</p>  |
| DROP TEST          | <p>Test condition: 6 face, each face 1 time 70 cm, on the 5mm wooden board. RESULT: Without opening of case and crack, etc. electric characteristic shall be satisfied light crack after test is acceptable.</p>   |
| ENVIRONMENTAL TEST | <p><b>LOW TEMPERATURE STORAGE TEST</b><br/>Keep on -30°C(Packing) for 168 hours, and check the action after 3 hours in25°C.<br/>RESULT: All normal function and meet specification.</p> <p><b>HIGH TEMPERATURE STORAGE TEST</b><br/>Keep on +70°C(Packing) for 168 hours, and check the action after 3 hours in25°C.<br/>RESULT: All normal function and meet specification.</p> <p><b>HIGH HUMIDITY STORAGE TEST</b><br/>Keep on +45°C, 95%RH (Packing) for 168 hours, and check the action after3hour in 25°C.<br/>RESULT: All normal function and meet specification.</p> <p><b>TEMPERATURE CYCLE TEST</b><br/>Keep on -45°C(Packing) for 1 hour, then keep on +85°C(Packing) for 1 hourRepeat this cycle until 10 cycle, check the action after an hour in 25°C.<br/>RESULT: All normal function and meet specification.</p> |

# Appearance



贴片2TP-3R15U

