

- ◆ High Power
- ◆ Wide AC input range
- ◆ Fully regulated output
- ◆ Single, Dual and Triple Output
- ◆ High efficiency
- ◆ FCC Class B, VCCI Class B
- ◆ Small case
- ◆ PCB Mounting
- ◆ One Year warranty

## Electrical Specifications

### Input

- ◆ Voltage: 90 - 260 VAC ( Universal Input )
- ◆ Frequency: 47 - 440 Hz

### Output

- ◆ Voltage: Please have a look to the Order list
- ◆ Tolerance: +/- 2%
- ◆ Wattage: 15 Watt
- ◆ OVP: Yes ( Over Voltage Protection )
- ◆ OCP: Yes ( Over Current Protection )
- ◆ Efficiency: 80% by full load and nom. ACin

### Safety

- ◆ UL / CSA: cUL 1950
- ◆ TUV / GS: EN 60950

### EMI

- ◆ CE: CE Mark

## Mechanical Specifications

### Housing

- ◆ Plastic case with Pin mounting
- ◆ Dimensions: 74 x 54 x 22 mm
- ◆ Case is complete closed, inside epoxy

### Connections

- ◆ Input: Pin for soldering
- ◆ Output: Pin for soldering

### Environmental

- ◆ Storage: - 40°C to + 85°C
- ◆ Operation: - 25°C to + 71°C

### Reliability / Warranty

- ◆ MTBF: 400.000 hrs by + 25°C

## Electrical Specifications

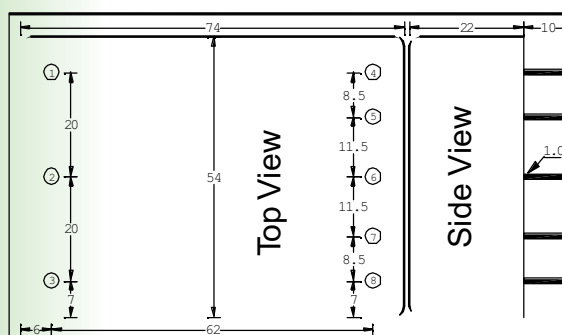
### Order List / Selection List

| MODEL NUMBER   | INPUT VOLTAGE (V.AC) | OUTPUT VOLTAGE (V.DC) | OUTPUT CURRENT (mA) | EFFICIENCY (%) |
|----------------|----------------------|-----------------------|---------------------|----------------|
| ANC - 5 S      | 90~260               | 5                     | 3000                | 72             |
| ANC - 12 S     |                      | 12                    | 1250                | 78             |
| ANC - 15 S     |                      | 15                    | 1000                | 78             |
| ANC - 24 S     |                      | 24                    | 625                 | 80             |
| ANC - 5 D      |                      | ± 5                   | ± 1500              | 72             |
| ANC - 12 D     |                      | ± 12                  | ± 650               | 79             |
| ANC - 15 D     |                      | ± 15                  | ± 500               | 79             |
| ANC - 5 S 12 D |                      | 5; ± 12               | 2000, ± 200         | 75             |
| ANC - 5 S 15 D |                      | 5; ± 15               | 2000, ± 150         | 75             |

### Pinning

| PIN | SINGLE OUTPUT        | DUAL OUTPUT | TRIPLE OUTPUT |
|-----|----------------------|-------------|---------------|
| ①   | FG                   | FG          | FG            |
| ②   | AC in                | AC in       | AC in         |
| ③   | AC in                | AC in       | AC in         |
| ④   | NC                   | NC          | - DC out      |
| ⑤   | - DC out             | - DC out    | COMMON        |
| ⑥   | NC                   | COMMON      | + DC out      |
| ⑦   | + DC out             | + DC out    | COMMON        |
| ⑧   | NC                   | NC          | + 5 VDC out   |
|     | FG = Function Ground |             |               |

### Mechanical drawing



### Electrical details

- ◆ Line Regulation: 0,3 % max. ( Low Line to Hi Line )
- ◆ Load Regulation: +/- 3 % ( No Load to Full Load )
- ◆ Ripple & Noise: 1 %
- ◆ Leakage Current: < 0,30 mA

### Tests

- ◆ Burn - In: 100 % / 12 hrs @ +60°C
- ◆ ATE Test: 100 %
- ◆ Hi - pot Test: 100 %

### Electrical Protections

- ◆ Over Voltage: Yes
- ◆ Over Current: Yes
- ◆ Short Current: Yes

### EMI

- ◆ FCC: Part 15 / Class B
- ◆ VCCI: Level 2
- ◆ CISPR: Pub 22 / Class B
- ◆ MEC: CE Mark

### Mechanical

- ◆ Weight: 140 gr.
- ◆ Dimensions: 74 x 54 x 22 mm ( L x W x H )