



- ◆ 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: 30 Watt
- ◆ OVP: Yes (Over Voltage Protection)
- ◆ OCP: Yes (Over Current Protection)
- ◆ Efficiency: 80 % by full load and nom. ACin

Safety

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

EMI

- ◆ CE: CE Mark

Mechanical Specifications

Housing

- ◆ Plastic case with Pin mounting
- ◆ Dimensions: 89 x 63,5 x 25 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

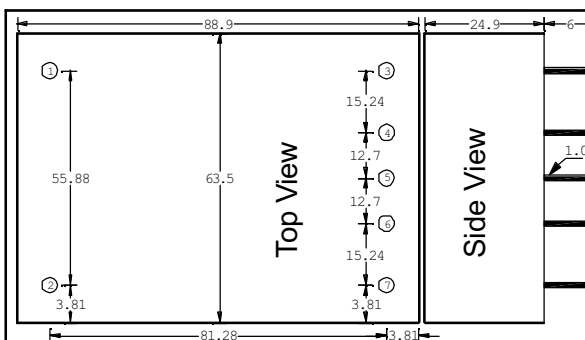
Order List / Selection List

MODEL NUMBER	INPUT VOLTAGE (V.AC)	OUTPUT VOLTAGE (V.DC)	OUTPUT CURRENT (mA)	EFFICIENCY (%)
ASC - 5 S	90~260	5	6000	72
ASC - 12 S		12	2500	78
ASC - 15 S		15	2000	78
ASC - 24 S		24	1250	80
ASC - 5 D		± 5	± 3000	72
ASC - 12 D		± 12	± 1300	79
ASC - 15 D		± 15	± 1000	79
ASC - 5 S 12 S		5, 12	3000, 1250	75
ASC - 5 S 12 D		5, ± 12	3000, ± 630	75
ASC - 5 S 15 D		5, ± 15	3000, ± 500	75

Pinning

PIN	SINGLE OUTPUT	DUAL OUTPUT	TRIPLE OUTPUT
①	AC-N	AC-N	AC-N
②	AC-L	AC-L	AC-L
③	+V OUT	+V OUT	+V OUT2
④	NO PIN	NO PIN	+5V
⑤	-V OUT	COMMON	V2,V3 COMMON
⑥	NO PIN	NO PIN	+5 RTN
⑦	NO PIN	-V OUT	-V OUT3

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: 180 gr.
- ◆ Dimensions: 89 x 63,5 x 25 mm (L x W x H)