

- Universal AC Input
- Fully Encapsulated, PCB Mounting Plastic Case, plus options of Chassis or DIN Rail mounting with Screw Terminal Connections.
- Wide Temperature Range (-40°C option)
- Short Circuit, OVP Protected
- Convection Cooled
- Full Approvals: UL/cUL/CE/TUV
- Low Ripple And Noise



Specification

Input Voltage.....	90~264 VAC, 47~440 Hz (120-370 VDC)
Inrush Current.....	10 A @ 115 VAC, 20 A @ 230 VAC
Output Voltage.....	See table below, +/-2% preset accuracy
Load Regulation (5% to full load).....	Single output, +/-0.5%, dual output +/- 3 % Triple: +/- 2% output 1, +/-5% outputs 2 & 3
Line Regulation (full range).....	Single output, +/-0.5%, dual output +/- 0.5 % Triple: +/- 1% output 1, +/-5% outputs 2 & 3
Over Voltage Protection.....	Zener diode clamp
Short Circuit Protection.....	Hiccup mode, indefinite (automatic recovery)
Hold Up Time.....	15 ms, min
Input to Output Isolation.....	Input to output: 3 kVAC,
Operating Temperature	-25 to +70 °C, see derating curve, (add suffix "-E1" for -40 °C operation)
Storage Temperature.....	-40 to +85 °C
Switching Frequency.....	100 kHz
Safety Standards.....	UL/cUL, TUV 60950, CE
EMC.....	EN55022 Class B, EN55024
Mechanical, (PCB Mount Version).....	Encapsulated, 74 x 54 x 22 mm
Connections Input & Output.....	PCB mounting: through hole pins
Mechanical Options.....	Chassis mounting with screw terminal connections DIN Rail mounting with screw terminal connections

Models and Ratings (Single, Dual or Triple Outputs)

Model	Output 1	Output 2	Output 3	Output Current	Efficiency
ANC-5S-AP	5.0 V			3.0 A	70%
ANC-12S-AP	12.0 V			1.25 A	73%
ANC-15S-AP	15.0 V			1.0 A	73%
ANC-24S-AP	24.0 V			0.625 A	77%
ANC-5D-AP	+5.0 V	-5.0 V		+/-1.5 A	71%
ANC-12D-AP	+12.0 V	-12.0 V		+/-0.650 A	76%
ANC-15D-AP	+15.0 V	-15.0 V		+/-0.5 A	65%
ANC-5S12D-AP	+5.0 V	+12.0 V	-12.0 V	2 A, +/- 0.2 A	68%
ANC-5S15D-AP	+5.0 V	+15.0 V	-15.0 V	2 A, +/- 0.15 A	68%

Note: A 10% minimum load is required on O/P1 of the triple output models to maintain stated regulation

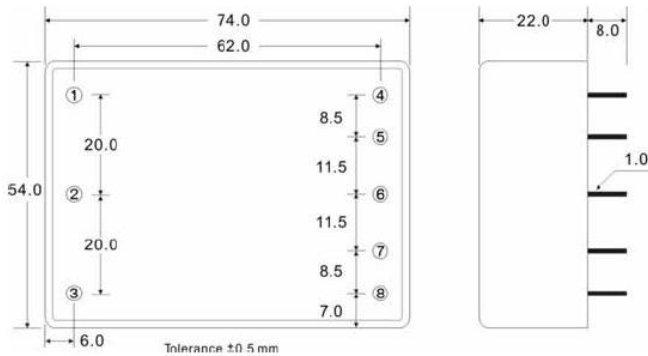
Please see next page for mechanical drawings.

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15 Watt, ANC Series, Encapsulated Power Supply

ALL PSU LTD
Electronic Power Solutions

Mechanical Details (top view)



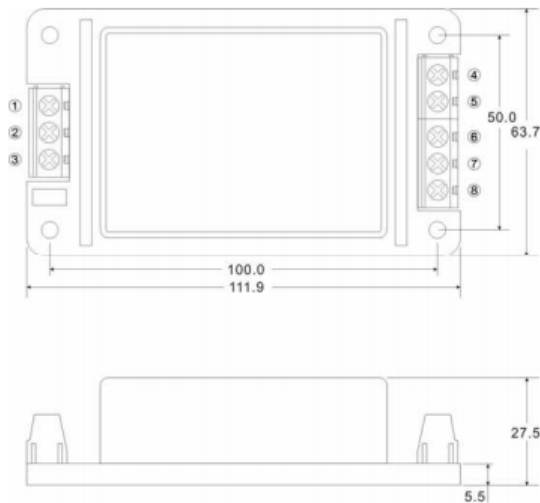
Pinout Details

Pin	Function		
	Single	Dual	Triple
1	Ground	Ground	Ground
2	AC Neutral	AC Neutral	AC Neutral
3	AC Live	AC Live	AC Live
4	No Pin	No Pin	-DC Out
5	-DC Out	-DC Out	Common
6	No Pin	Common	+DC Out
7	+DC Out	+DC Out	+5V Rtn
8	No Pin	No Pin	+5V Out

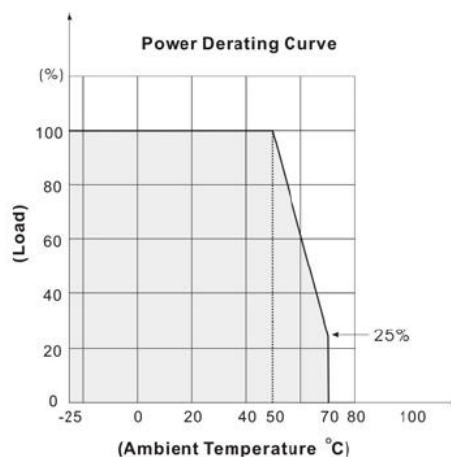
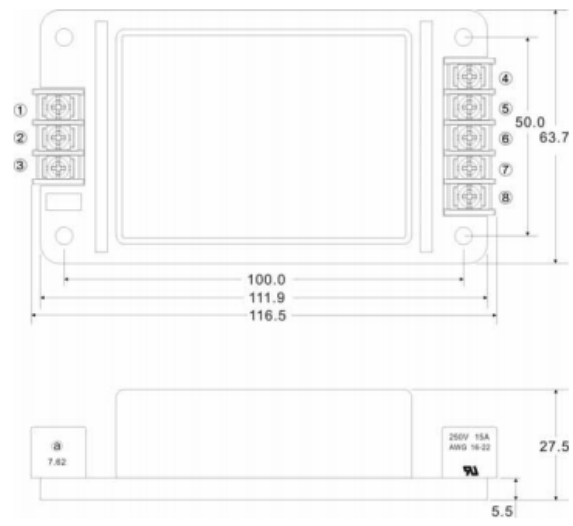
*Mechanical Options - add suffix:

- A2 = Chassis mounting with screw terminals for stripped wires
 - A5 = Chassis mounting with screw terminals for crimped terminals
 - DN = DIN Rail Mounting with screw terminal connections
- Please contact ALL PSU office for further details

Option "A2"



Option "A5"



Specifications may change without notice. E&OE. ALL PSU Terms & Conditions apply.

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