

15 Watt, ANCN Series, Encapsulated Power Supply



electronicpowersolutions

- Universal AC Input
- Fully Encapsulated, PCB Mounting Plastic Case, Plus Options Of Chassis Or DIN Rail Mounting With Screw Terminal Connections.
- Wide Temperature Range
- Short Circuit, Over Load & Over Voltage Protected
- Convection Cooled To Full Power
- Full Approvals: UL/cUL/CE/TUV
- Low Ripple And Noise



Specification

Input Voltage.....	90~264 VAC, 50/60 Hz (120-370 VDC)
Inrush Current.....	15 A @ 115 VAC, 30 A @ 230 VAC
Output Voltage.....	See table below, +/-2% preset accuracy
Load Regulation (10% to full load).....	+/-1%
Line Regulation (full range).....	+/-0.5%
Over Voltage Protection.....	Zener diode clamp
Over Power Protection.....	Hiccup technique, auto-recovery
Short Circuit Protection.....	Hiccup mode, indefinite (automatic recovery)
Input to Output Isolation.....	Input to output: 4 kVAC,
Operating Temperature	-40 to +70 °C, see derating curve,
Storage Temperature.....	-40 to +85 °C
Safety Standards.....	UL/cUL, CE
EMC.....	EN55022 Class B, EN55024
Mechanical, (PCB Mount Version).....	Encapsulated, 74 x 54 x 22 mm
Case Material.....	Plastic (flammability to UL 94V-0)
MTBF.....	>300,000h @ 25°C (MIL-HDBK-217F)
Weight.....	.114g
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

Model	Output Voltage	Max Output Current	Efficiency
ANCN-5S-AP	5.0 V	3.0 A	78%
ANCN-12S-AP	12.0 V	1.25 A	82%
ANCN-15S-AP	15.0 V	1.0 A	81%
ANCN-24S-AP	24.0 V	0.625 A	82%

Please see next page for mechanical drawings, connection details and temperature derating.

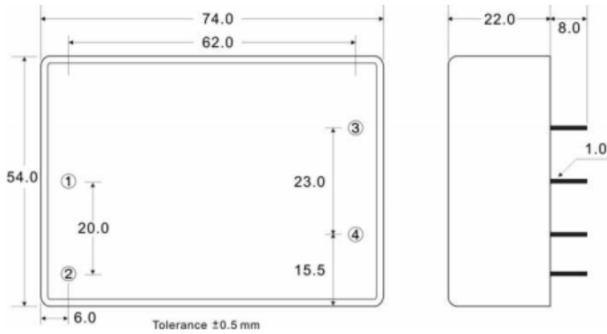
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Mechanical Details (top view)



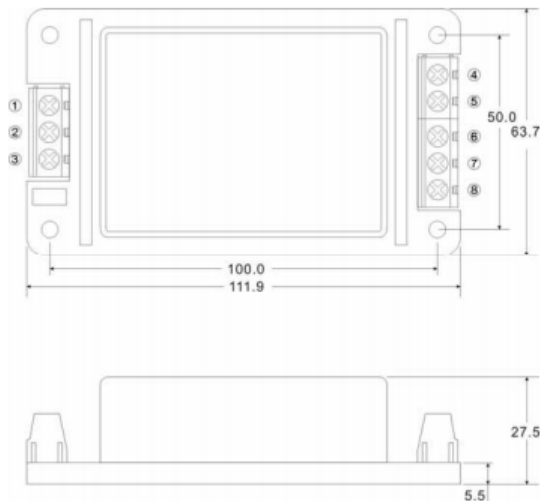
Pinout Details

Pin	Function
1	AC Neutral
2	AC Live
3	-DC Out
4	+DC Out

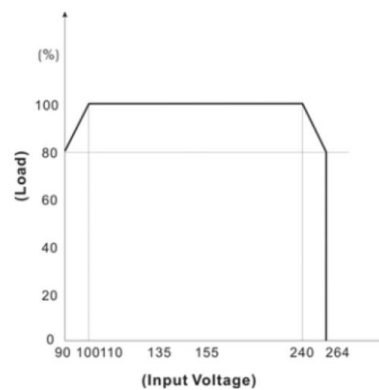
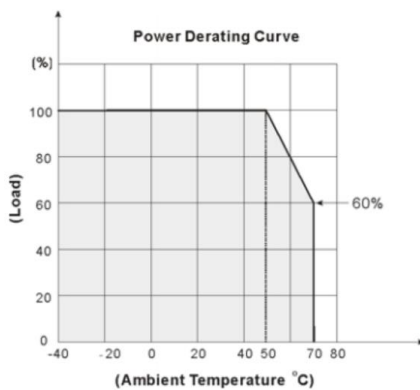
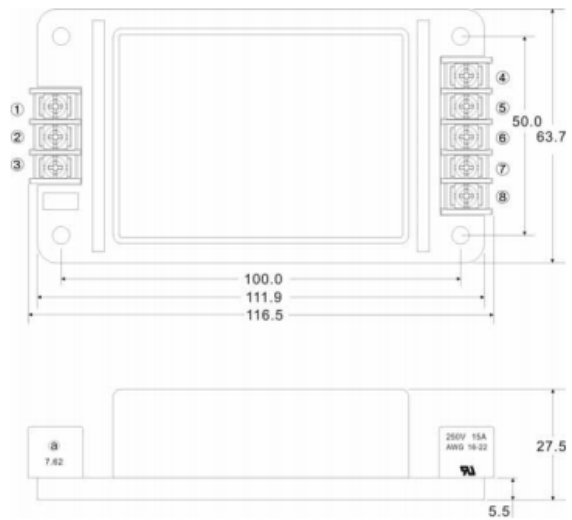
*Mechanical Options - add suffix:

- 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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