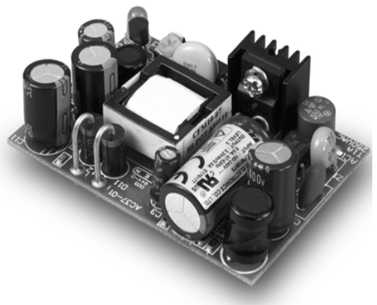
intronics

AC10/15

10/15 WATT OPEN FRAME AC-DC MODULES

E176177





Features

- Universal Input 85-264Vac
- Conductive EMI Meets CISPR/FCC Class B
- High Efficency at 82% Typical
- PCB Mountable

Specifications

INPUT CHARACTERISTICS:

Voltage 85-264VAC
Frequency.....47-63Hz
Inrush Current.....20A Max. @ 115Vac
40A Max. @ 230Vac
Conducted EMI.....CISPR/FCC Class B
Isolation .....Input to Output=4,242Vdc
Leakage Current.....0.25mA max.

OUTPUT CHARACTERISTICS:

Holdup Time~.....16mS typ. @ 115Vac
Short Circuit Protection.....Continuous
Temperature Coefficient.....0.05%/°C

ENVIRONMENTAL CHARACTERISTICS:

Operating Temperature .....0°C ~ 40°C
Storage Temperature .....-20°C ~ 85°C
Cooling.....Free Air Convection

MECHANICAL OUTLINE:

Dimensions ..... AC10: 65 x 45 x 23mm (2.56x1.77x0.91Inches)
AC15: 69.9 x 48 x 23mm (2.75x1.89x0.91Inches)
Weight AC10: 60g
AC15: 80g

Typical at 25˚C, nominal line and 75% load, unless Specified

10 Watt Series

MODEL	OUTPUT VOLTAGE	MAX. LOAD	MIN. LOAD	RIPPLE & NOISE	VOLTAGE ACCURACY	LINE REGULATION	LOAD REGULATION	EFF %
AC 1001S	5 V	2000mA	0A	1%	± 1%	± 0.5%	± 1%	70
AC 1002S	12 V	840mA	0A	1%	± 1%	± 0.5%	± 1%	75
AC 1003S	15 V	670mA	0A	1%	± 1%	± 0.5%	± 1%	75
AC 1005S	24 V	420mA	0A	1%	± 1%	± 0.5%	± 1%	78
AC 1007S	3.3 V	2500mA	0A	50mV	± 1%	± 0.5%	± 1%	65
AC 1009S	9 V	1120mA	0A	1%	± 1%	± 0.5%	± 1%	72

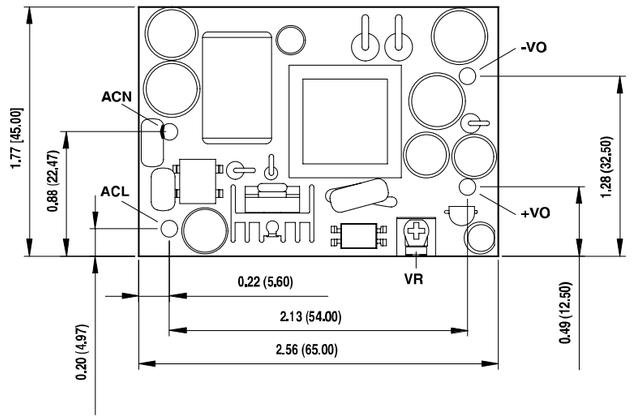
15 Watt Series

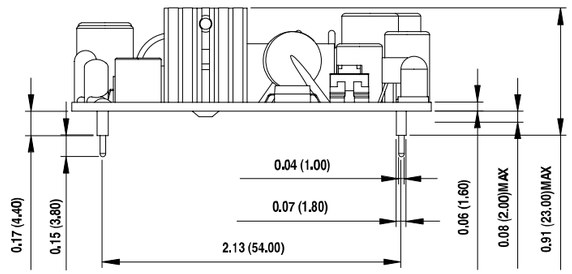
MODEL	OUTPUT VOLTAGE	MAX. LOAD	MIN. LOAD	RIPPLE & NOISE	VOLTAGE ACCURACY	LINE REGULATION	LOAD REGULATION	EFF %
AC 1501S	5 V	3000mA	0A	1%	± 1%	± 0.5%	± 1%	73
AC 1502S	12 V	1250mA	0A	1%	± 1%	± 0.5%	± 1%	80
AC 1503S	15 V	1000mA	0A	1%	± 1%	± 0.5%	± 1%	80
AC 1505S	24 V	630mA	0A	1%	± 1%	± 0.5%	± 1%	82
AC 1507S	3.3 V	3000mA	0A	50mV	± 1%	± 0.5%	± 1%	70
AC 1509S	9 V	1670mA	0A	1%	± 1%	± 0.5%	± 1%	75

NOTE:
1. Add a 0.1µF ceramic capacitor and a 10µF E.L. capacitor to output for Ripple & Noise Measuring @ 20MHz BW.
2. Line Regulation is Measured from High Line to Low Line with Full Load.
3. Load Regulation is Measured from Full to 10% Load.

10 Watt Series

All Dimensions are In Inches(mm)
Tolerances: .xx±.02(.xx±.5) unless otherwise noted





15 Watt Series

