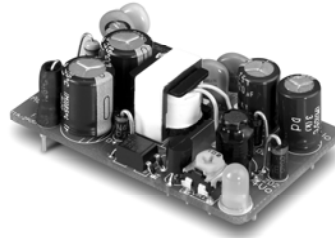


# AC05

## 5 WATT OPEN FRAME AC-DC MODULES

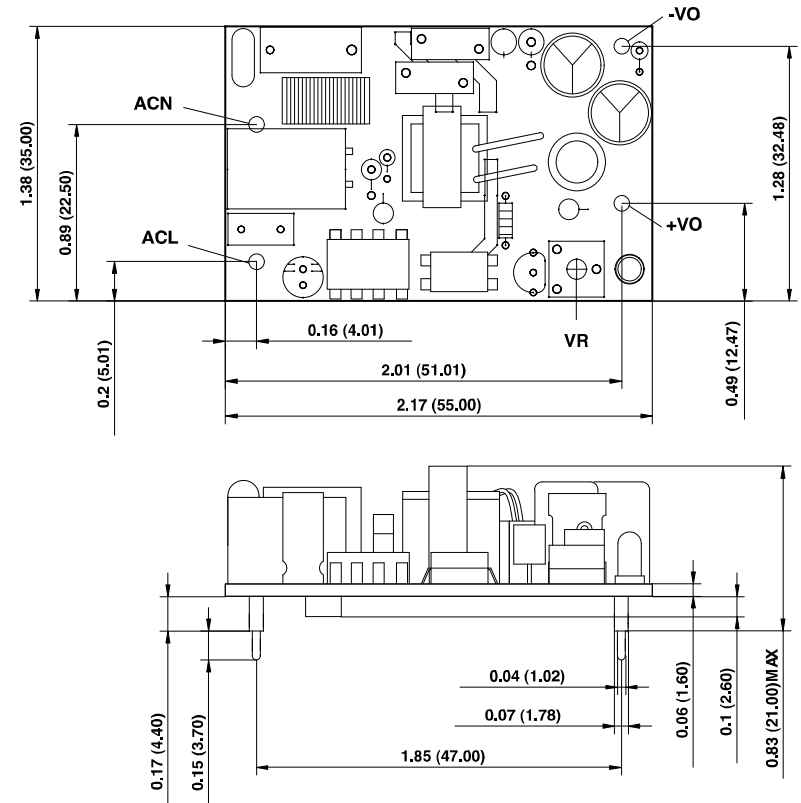


MODEL	OUTPUT VOLTAGE	OUTPUT CURRENT (A) MIN.	OUTPUT CURRENT (A) MAX.	RIPPLE (MVP-P)	VOLTAGE ACCURACY	LINE REGULATION	LOAD REGULATION
AC 05S033	3.3V	0A	1.25A	50mV	± 1%	± 0.5%	± 1%
AC 05S050	5.0V	0A	1.0A	50mV	± 1%	± 0.5%	± 1%
AC 05S120	12.0V	0A	0.42A	120mV	± 1%	± 0.5%	± 1%
AC 05S150	15.0V	0A	0.33A	150mV	± 1%	± 0.5%	± 1%
AC 05S240	24.0V	0A	0.23A	240mV	± 1%	± 0.5%	± 1%
AC 05S090	9.0V	0A	0.55A	90mV	± 1%	± 0.5%	± 1%
AC 05S180	18.0V	0A	0.28A	180mV	± 1%	± 0.5%	± 1%

**NOTE:**

1. Add a 0.1uF ceramic capacitor and a 10uF E.L. capacitor to output for Ripple & Noise measuring @20MHz BW.
2. Line regulation is measured from 100Vac to 240Vac with full load.
3. Load regulation is measured from 10% to 100% full load

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



### Features

- Universal Input 85-264Vac
- Conductive EMI Meets CISPR/FCC Class B
- Efficiency at 77% Typical

### Specifications

**INPUT CHARACTERISTICS:**

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

**OUTPUT CHARACTERISTICS:**

Holdup Time .....8mS typ. @ 115Vac  
 Short Circuit Protection .....Continuous  
 Temperature Coefficient .....±0.05% / °C

**ENVIRONMENTAL CHARACTERISTICS:**

Operating Temperature ..... 0 ~ 70°C  
 Storage Temperature ..... -20 ~ 85°C

**MECHANICAL CHARACTERISTICS:**

Dimensions .....55 x 35 x 21mm (2.17 x 1.38 x 0.83Inches)  
 Weight .....35g

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