



**Features:**

- \* PCB Mount Encapsulated Switching Power Supply
- \* Universal AC Input
- \* Worldwide Safety Approvals
- \* EN55022 & FCC Class B Emissions
- \* CE Mark

**Input**

Input Voltage Universal (90-264 VAC)  
 Input Frequency 47-63Hz  
 Inrush Current 32.5A Max  
 Input Current 0.77A @ 115 VAC / 0.39A @ 230 VAC Max  
 Hold-Up Time 19ms typc @ 115 & 80ms @ 230 VAC / Full Load  
 Input Protection External Fuse (1A / 250 VAC)

**General**

Efficiency 83% Typ.  
 Switching Frequency 63KHz  
 Operating Temperature 0 to +50°C Full Load, de-rate 2.5 per °C up to +71°C  
 Storage Temperature -20°C to +85°C  
 Cooling Convection Cooled  
 Temp Co-Efficient 0.04% per °C  
 Toplogy Fixed frequency flyback circuit

**Output**

Minimum Load n/a  
 Line Regulation 0.2% typ.  
 Load Regulation ± 0.5% typ..  
 Ripple & Noise 1% typ. pk-pk @ 20MHz  
 Overload Protection 130-150% of rated current  
 OverVoltage Protection Latch (V1 Only)  
 Adjustment Fixed  
 Transient Response voltage returns < 2mS following a 50% load change

**EMC & Safety**

Emissions EN55022 "B", FCC Class B

Safety Approvals UL/cUL60950-1  
 EN60950-1  
 CE Mark (LVD)



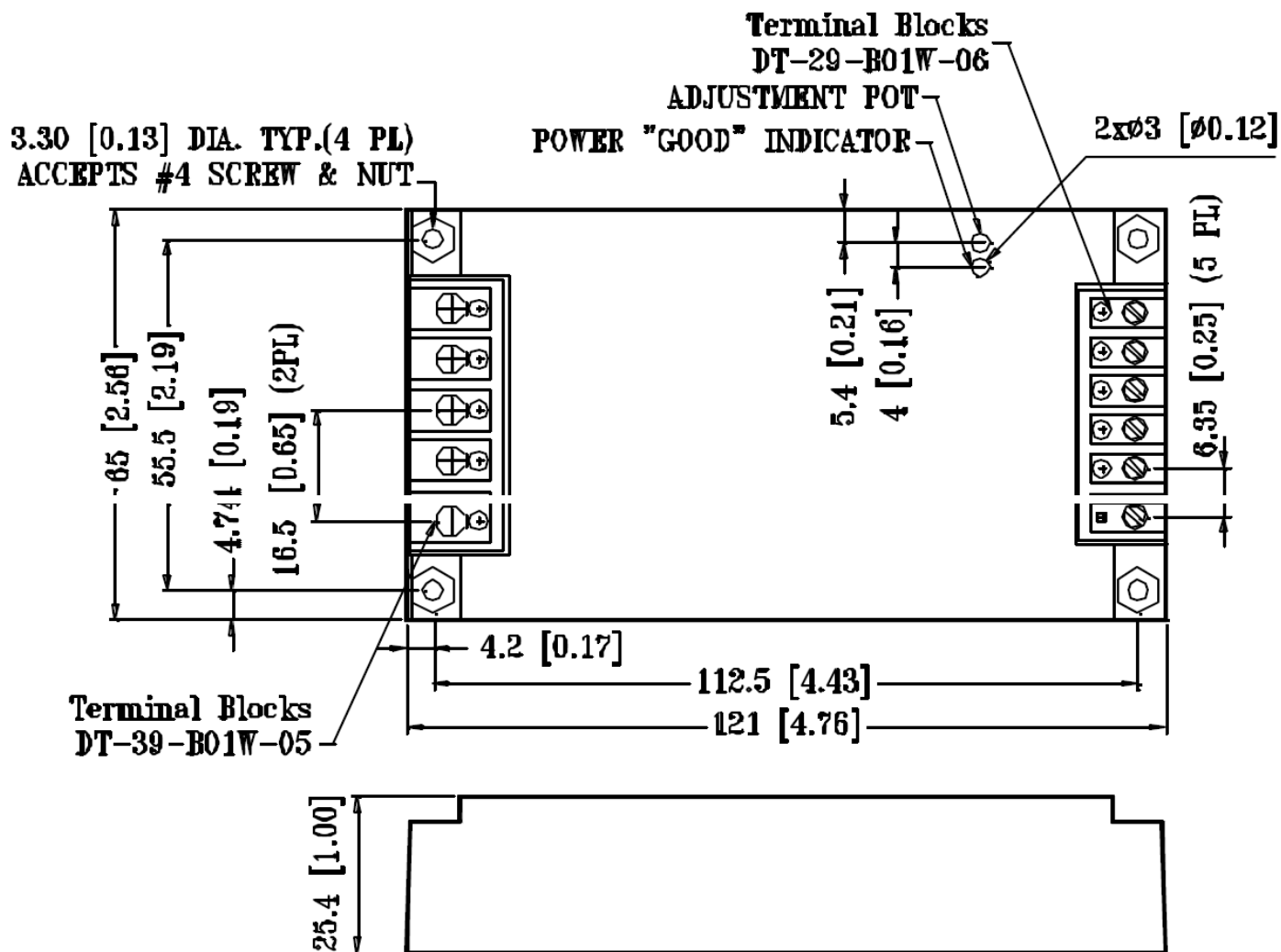
**Model Number**

APS50AS -S033075  
 APS50AS -S050060  
 APS50AS -S120042  
 APS50AS -S150035  
 APS50AS -S240025

**Output**

3.3V @ 7.5A  
 5.0V @ 6.00A  
 12.0V @ 4.20A  
 15.0V @ 3.5A  
 24.0V @ 2.50A

*Mechanical Details*



**Notes**

WEIGHT: 145g (5.11Oz.)

**PIN ASSIGNMENT**

PIN NO	SINGLE
P1-1	AC-GROUND
P1-2	AC-NEUTRAL
P1-3	AC-LINE
P2-3,4	+ VO1
P2-5,6.	DC-COM
P2-1	Remote On/Off
P2-2	N/C