



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
Topology	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)



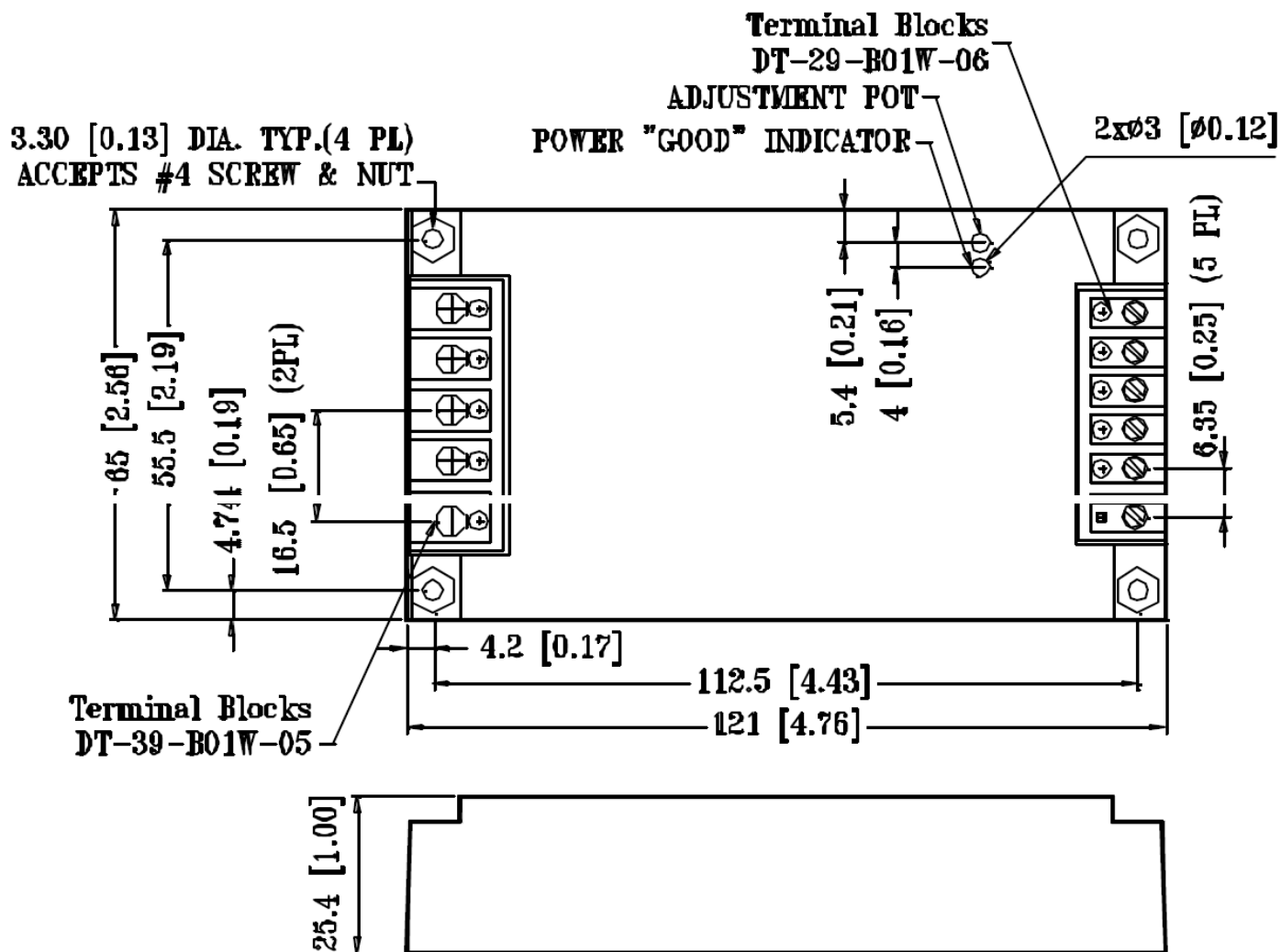
Model Number

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