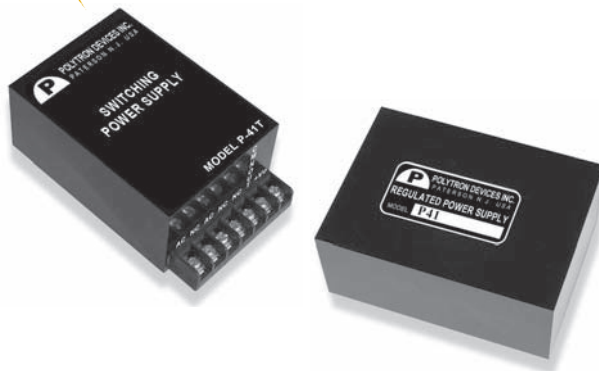




SWITCHING POWER MODULES

SINGLE/DUAL/TRIPLE OUTPUT P.C, CARD/CHASSIS MOUNTING



FEATURES

- AC Input
- Over Voltage & Short Circuit Protection
- High Performance EMI Input Filter
- P.C. Card or Chassis Mounting
- Single, Dual & Triple Output
- Linear Post Regulators

P41, P61, P71 Series

Specifications

Typical at 25°C under full load and nominal input voltage, unless otherwise specified

INPUT

Voltage Range.....90-130 Vac, 47-440 Hz
.....Universal Input Available
Inrush Current.....10A peak

OUTPUT

Voltage Accuracy @ FL for Singles..... ±1.0%
for Singles, +V for Duals, and +5V for Triple Units
All other voltages.....±3.0%
Line Regulation: Single Output.....±0.1%
Load Regulation: Single Output.....±1.0%
Ripple Noise.....10mVrms
Temperature Coefficient.....±0.02%/°C typ.
Transient Response.....1ms max.
for a 50% to 100% load change

GENERAL

Efficiency.....70% typ.
Isolation Voltage.....2500 Vrms Isolation
Resistance.....50MOhms
Switching Frequency.....40KHz typ.
Protection.....Over Voltage Protection
.....Short Circuit Protection

ENVIRONMENTAL

Operating Temperature Range.....-25 to +71°C
Storage Temperature Range.....-25 to +85°C

PHYSICAL

Weight.....0.90 lb.
Dimensions.....See Chart and Diagrams

1. For High Heat Environment, use suffix "MH" after model number for metal header heat sinking.
Unit should be mounted to metal chassis with heat transfer grease between base plate and Chassis.

Selection Guide

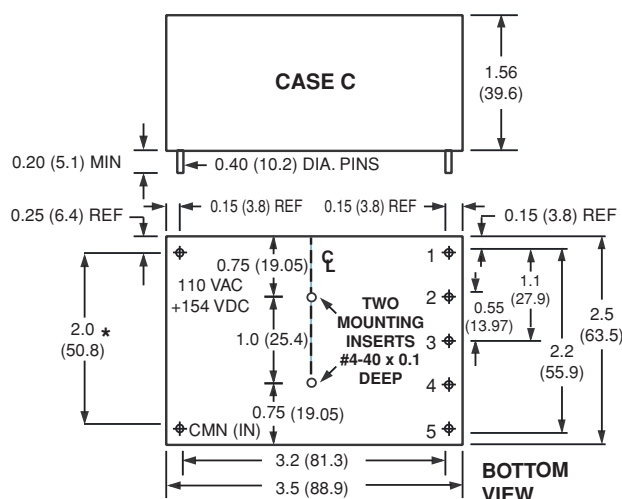
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	Output Voltage (Vdc)	Output Current (mA)	Case	Model Number	
SINGLE	5	3500	C	P41	
			CT	P41-T	
	12	2000	C	P41-12S	
			CT	P41-12ST	
	15	1800	C	P41-15S	
			CT	P41-15ST	
DUAL	±5	+2500/-300	C	P61-5	
			CT	P61-5T	
	±12	+1100/-350	C	P61-12	
			CT	P61-12T	
	±15	+1100/-350	C	P61-15	
			CT	P61-15T	
TRIPLE	±12 / 5	±350 / 2200	C	P71-12	
			CT	P71-12T	
	±15 / 5	±350 / 2200	C	P71-15	
			CT	P71-15T	

Mechanical Specifications

PC CARD MOUNTING - CASE C

I/O Connections			
TERMINAL	SINGLE	DUAL	TRIPLE
1	N/C	-Vdc	CMN (5)
2	No Pin	No Pin	+5Vdc
3	CMN	CMN	-12 / -15
4	No Pin	No Pin	CMN (12/15)
5	+Vdc	+Vdc	+12 / +15



* For 2.2" pin spacing, add suffix "22" to model number

All Dimensions are in inches (mm)

CHASSIS MOUNTED UNITS - CASE CT

I/O Connections			
TERMINAL	SINGLE	DUAL	TRIPLE
7	110Vac	110Vac	110Vac
6	N/C	N/C	N/C
5	CMN (In)	CMN (In)	CMN (In)
4	N/C	N/C	+5Vout
3	N/C	-Vout	-Vout
2	CMN (Out)	CMN (Out)	CMN (Out)
1	+Vout	+Vout	+Vout

