

ELECTRICAL SPECIFICATIONS

GENERAL SPECIFICATIONS

All specifications typical at nominal line, full load and 25°C

Efficiency65% - 80%

Hold-up time10 msec

Line regulation ±0.5% maximum

Isolation voltage1000 VDC from input
..... .to output

Operating temperature0 to 70°C*

Storage temperature-40 to 85°C

MTBF100,000 hours

Weight380 grams - PCB
..... .640 grams - enclosed

* Derate linearly from 100% load at 50°C to 50% load at 70°C.

INPUT SPECIFICATIONS

Input Voltage10 to 30 VDC (PD65 "L" series)
..... .20 to 60 VDC (PD65 "M" series)
..... .30 to 90 VDC (PD65 "H" series)

Input currents4.1A (rms) for 24 VDC
..... .2.1A (rms) for 48 VDC
..... .1.5A (rms) for 72 VDC

OUTPUT SPECIFICATIONS

Output voltage/currentSee rating chart

Ripple1% peak to peak maximum

Overvoltage protectionprovided on output #1 only, set
..... .at 112-132% of its nominal
..... .output voltage

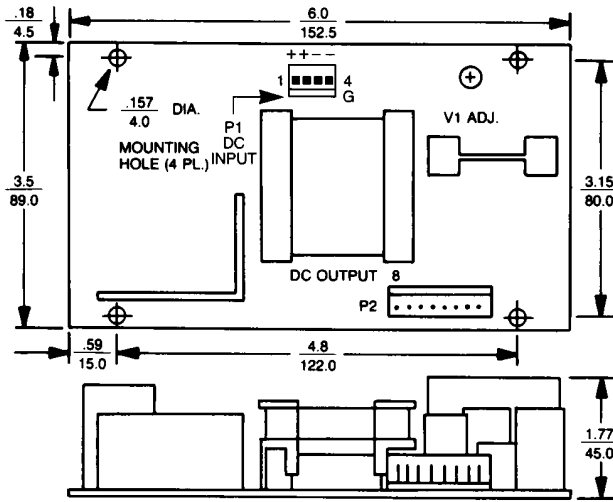
Overcurrent protectionAll outputs protected in short
..... .circuit conditions

Temperature coefficientall outputs ±0.04%/°C maximum

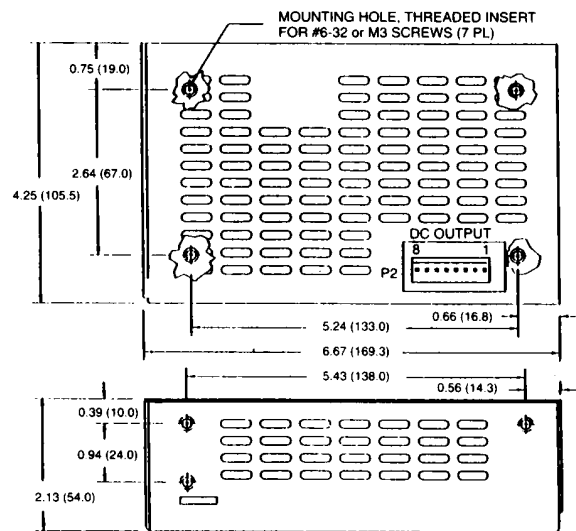
Specifications subject to change.

MECHANICAL SPECIFICATIONS

Dimensions shown in inches (mm)/Tolerance ± 0.02 (0.5) maximum
Input connector mates with Molex housing 09-50-3041 and Molex 2878 series crimp terminal
Output connector mates with Molex housing 09-50-3081 and Molex 2878 series crimp terminal



OPEN PCB "A"



ENCLOSED "C"

PIN CHART

MODEL	PIN	1	2	3	4	5	6	7	8
PD65-10	PD65-12	OUTPUT #1	OUTPUT #1	OUTPUT #1	OUTPUT #1	RETURN	RETURN	RETURN	RETURN
PD65-13	PD65-14	OUTPUT #1	OUTPUT #1	OUTPUT #1	OUTPUT #1	RETURN	RETURN	RETURN	RETURN
PD65-25		OUTPUT #1	OUTPUT #1	COMMON RETURN	COMMON RETURN	OUTPUT #2	OUTPUT #2	N.C.	N.C.
PD65-30	PD65-31	OUTPUT #1	OUTPUT #1	COMMON RETURN	COMMON RETURN	OUTPUT #2	OUTPUT #2	OUTPUT #3	N.C.
PD65-32		OUTPUT #1	OUTPUT #1	COMMON RETURN	COMMON RETURN	OUTPUT #2	OUTPUT #2	OUTPUT #3	N.C.
PD65-40		OUTPUT #1	OUTPUT #1	COMMON RETURN	COMMON RETURN	OUTPUT #2	OUTPUT #2	OUTPUT #3	OUTPUT #4



Your Source of Power ...

260 Hopping Brook Road, Holliston, MA 01746
TEL: (508) 429-4440 FAX: (800) 226-2100
<http://www.intlpower.com>