

VXI PT NO	MODEL NUMBER	FARNELL PT NO
14428-000	EPS 5/200C	118-6388
14429-000	EPS 12/100C	118-6389
14430-000	EPSD 12/50C	118-6390
14431-000	EPSD 15/40C	118-6391
14434-000	EPSL 5/200C	118-6392
14435-000	EPSL 12/100C	118-6394
14436-000	EPSDL 12/50C	118-6396
14438-000	EPS 5/1000C	118-6397
14439-000	EPS 12/500C	118-6398
14440-000	EPS 15/400C	118-6399
14441-000	EPSD 12/250C	118-6400
14442-000	EPSD 15/200C	118-6402
14443-000	EPS 5T12C	118-6403
14444-000	EPS 5T15C	118-6404
14445-000	EPSL 5/1000C	118-6405
14446-000	EPSL 12/500C	118-6406
14534-000	EPSDL 15/200C	118-6407

# VxI POWER LIMITED

## 1 Watt Encapsulated AC-DC Linear Power Supply



### PRODUCT DESCRIPTION

A comprehensive range of PCB mounting encapsulated power supplies available in either 120Vac or 230Vac input versions, and in single or dual output formats. They are vacuum encapsulated in flame retardant epoxy resin to UL94V0. All units incorporate overcurrent and reverse protection, and will automatically recover upon removal of the fault condition. The input and output pins are on 2.54mm, (0.1") centres for easy PCB mounting. All units also include a 'one shot' thermal fuse to protect against excessive over temperature conditions. The units are fully approved to EN60950 and are compliant to Low Voltage Directive.

Part Number	AC Input Range	Output Voltage	Output Current	Line Reg (Full Input Swing)	Load Reg (0-100%)
EPS 5/200C	207-253V	5V +/-5%	0-200mA	20mV	60mV
EPS 12/100C	207-253V	12V +/-5%	0-100mA	20mV	60mV
EPSD 12/50C	207-253V	+/-12V +/-5%	0-50mA	20mV	60mV
EPSD 15/40C	207-253V	+/-15V +/-5%	0-40mA	20mV	60mV
EPSL 5/200C	108-132V	5V +/-5%	0-200mA	20mV	60mV
EPSL 12/100C	108-132V	12V +/-5%	0-100mA	20mV	60mV
EPSDL 12/50C	108-132V	+/-12V +/-5%	0-50mA	20mV	60mV
EPSDL 15/40C	108-132V	+/-15V +/-5%	0-40mA	20mV	60mV

### PRODUCT SPECIFICATION & DIMENSIONS

Input frequency Range

47-63Hz

Isolation test Voltage

3KV AC RMS Input to Output

Output Ripple

10mV Peak to peak (maximum)

Output Protection

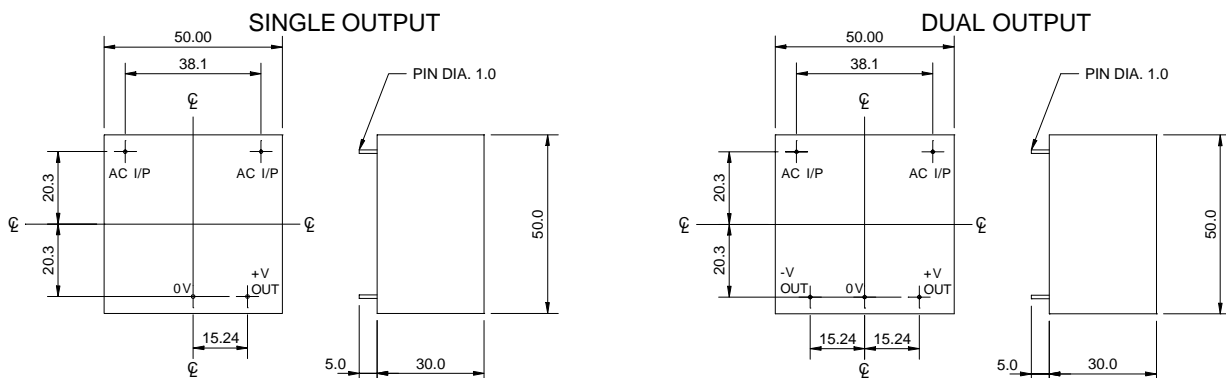
All Outputs are short circuit protected

Operating Temperature Range

0°C to +40°C

Weight

0.155Kg





# VxI POWER LIMITED

## 5 Watt Encapsulated AC-DC Linear Power Supply



### PRODUCT DESCRIPTION

A comprehensive range of PCB mounting encapsulated power supplies with single, dual or triple output available in either 120Vac or 230Vac nominal input versions. The 5V crowbar, OVP and regulated DC output provides an ideal power supply solution for Microprocessors, OP Amps, TTL and CMOS applications. They are vacuum encapsulated in flame retardant epoxy resin to UL94V0. The range of units are capable of PCB Mounting or mechanical mounting using the base M3 bushes. The units are fully approved to EN60950 and are compliant to Low Voltage Directive.

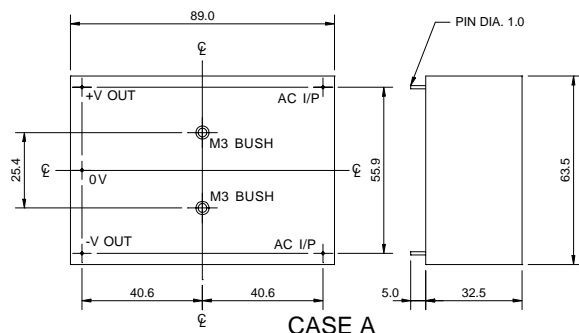
Part Number	AC Input Range	Output Voltage 1	Output Voltage 2	Output Voltage 3	Output Current 1	Output Current 2	Output Current 3	Case
EPS 5/1000C	207-253V	5V	-	-	0-1000mA	-	-	A
EPS 12/500C	207-253V	12V	-	-	0-500mA	-	-	A
EPS 15/400C	207-253V	15V	-	-	0-400mA	-	-	A
EPD 12/250C	207-253V	+12V	-12V	-	0-250mA	0-250mA	-	A
EPD 15/200C	207-253V	+15V	-15V	-	0-200mA	0-200mA	-	A
EPS 5T12C	207-253V	+5V	+12V	-12V	0-300mA	0-150mA	0-150mA	B
EPS 5T15C	207-253V	+5V	+15V	-15V	0-300mA	0-120mA	0-120mA	B
EPSL 5/1000C	108-132V	5V	-	-	0-1000mA	-	-	A
EPSL 12/500C	108-132V	12V	-	-	0-500mA	-	-	A
EPSL 15/400C	108-132V	15V	-	-	0-400mA	-	-	A
EPD 12/250C	108-132V	+12V	-12V	-	0-250mA	0-250mA	-	A
EPD 15/200C	108-132V	+15V	-15V	-	0-200mA	0-200mA	-	A
EPSL 5T12C	108-132V	+5V	+12V	-12V	0-300mA	0-150mA	0-150mA	B
EPSL 5T15C	108-132V	+5V	+15V	-15V	0-300mA	0-120mA	0-120mA	B

### PRODUCT SPECIFICATION & DIMENSIONS

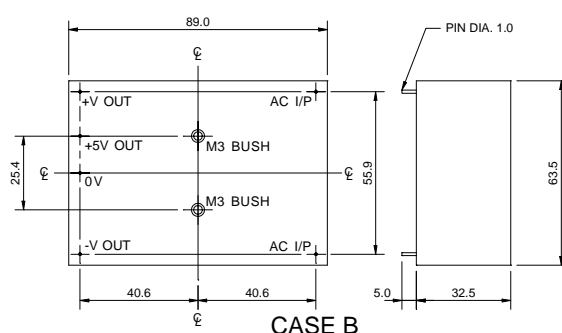
Input Frequency Range 47-63Hz.  
 Isolation Test Voltage 3kV RMS.  
 Output Voltage Tolerance +/-5%.  
 Load Regulation (0-100%load) 100mV max all types.  
 Line Regulation 0.5% max  
 Operating Temperature Range 0°C to +40°C.

Output Protection All Outputs are short circuit protected.  
 Weight 0.50kg.  
 Output Ripple 4mV RMS max (5 volt units).  
 2mV RMS max (other units).

Note : The -V pin has no electrical connection on single o/p units.



CASE A



CASE B