LASCAR PSU 206

Triple Rail Power Supply

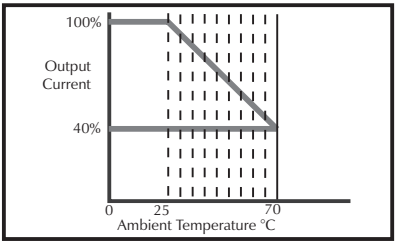
The PSU 206 is a 'Eurocard' sized power supply unit designed primarily for OEM use. The linear regulator Ics used have over-current and over-temperature protection.

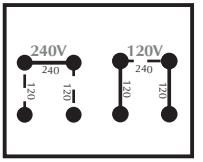
- **Simple Screw-Terminal Connection**
- **Encapsulated Mains Transformer**
- **Fixed 5V Output**
- **Separate, Fully Adjustable Split Rail Outputs**

Standard Unit					Stock Number PSU 206
Specification		**Min.**	**Typ.**	**Max.**	**Unit**
Load regulation				1	%
Line regulation				1	%
Ripple				10	mV
Operating temperature		0		70	°C
Output (D.C.) at 25°C					
5V Fixed	V	4.75	5	5.25	V
	I	0		1000	mA
Positive Adjustable	V	5		15	V
	I			250	mA
Negative Adjustable	V	-5		-15	V
	I			-250	mA
Input (50-60Hz) - link selectable		110	120	125	VAC
		220	240	250	

Derating Curve

The hotter the unit becomes the lower the current that may be taken from it. Enclosures should be adequately ventilated if necessary and power supplies should not be mounted upside down.





Output	Terminals
5V Fixed	5V & O_2
Adjust. Pos	V+ & O_1
Adjust. Neg	V- & O_1

Selecting Mains I/P Voltage

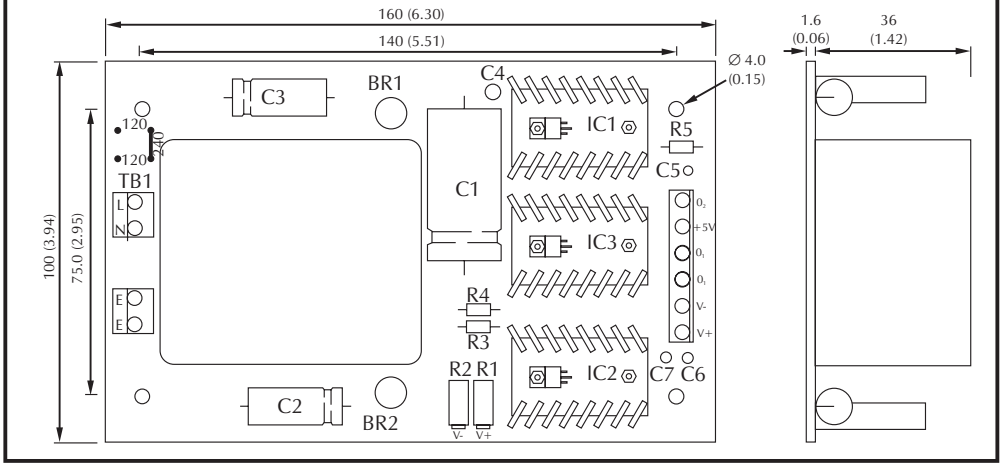
The unit is normally supplied connected for 240V operation. For 120V operation remove 240V link and insert BOTH 120V links.

Safety

For safe operation the unit must be installed in an enclosure which prevents accidental contact. If the enclosure is made of a conducting material or the internal surfaces have a conductive coating, ensure that no part of the power supply will come into contact with it. The unit need not be earthed but two terminals (E) are provided as a convenient anchorage for earth leads. The mains lead to the unit must be fused with a 160mA (240V operation)or a 315mA (120V operation) fuse. Fuses should be IEC 127 part 2, sheet 3, DIN 41662 anti-surge spiral. In general, it is the responsibility of the user to ensure that the incorporation of the power supply unit into the OEM equipment conforms to the relevant sections of EN 60742, in accordance with the Low Voltage Directive (LVD93/68/EEC).

IF IN DOUBT CONTACT AN APPLICATIONS ENGINEER.

DIMENSIONS All dimensions in mm (inches)



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