

GENERAL INSTRUCTIONS

Custom Engineering s.r.l. declines all responsibility for accidents or damage to persons or property occurring as a result of tampering, structural or functional modifications, unsuitable or incorrect installations, environments not in keeping with the equipment's protection degree or with the required temperature and humidity conditions, failure to carry out maintenance and periodical inspections and poor repair work.

The PSM05printer is in conformity with the essential Electromagnetic Compatibility and Safety requirements laid down in Directives:

- 89/336/EEC dated 3 May 1989 and subsequent revisions (Directive 92/31/EEC of 28 April 1992 and Directive 93/68/EEC of 22 July 1993);
- 73/23/EEC dated 19 February 1973 and subsequent revisions (Directive 93/68/EEC of 22 July 1993);

inasmuch as it was designed and constructed in conformity with the provisions laid down in the following Harmonized Standards:

- EN 55022 (Limits and methods of measurements of radio interference characteristics of Information Technology Equipment);
- EN 50082-1 (Electromagnetic Compatibility - General Immunity Standard - Part 1; Residential, commercial and light industry);
- EN 60950 (Safety of information technology equipment, including electrical business equipment).



The format used for this manual improves use of natural resources reducing the quantity of necessary paper to print this copy.



VERSION 1.00

DOFE-ALITM02

ALITM02

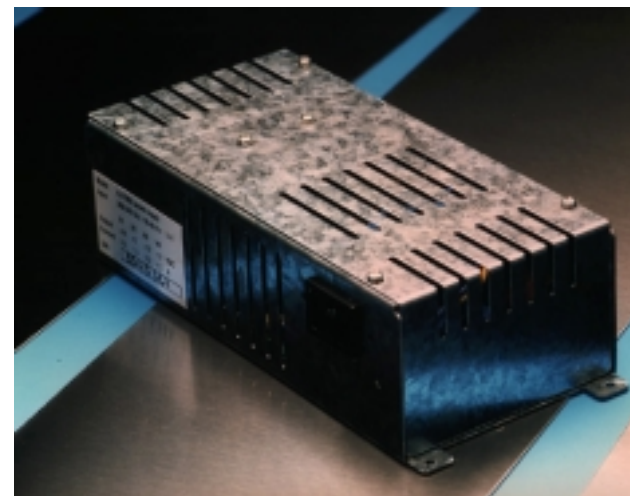
Switching power supply



USER MANUAL

The aim of this manual is to provide instructions to enable the customer to make the best possible use of the product. Any suggestion regarding errors in its contents or possible improvements will be greatly appreciated

The products are continuously checked and improved. For this reason Custom Engineering S.r.l. reserves the right to modify the information contained in this manual without prior notice



FOR FURTHER DETAILS PLEASE CONTACT :

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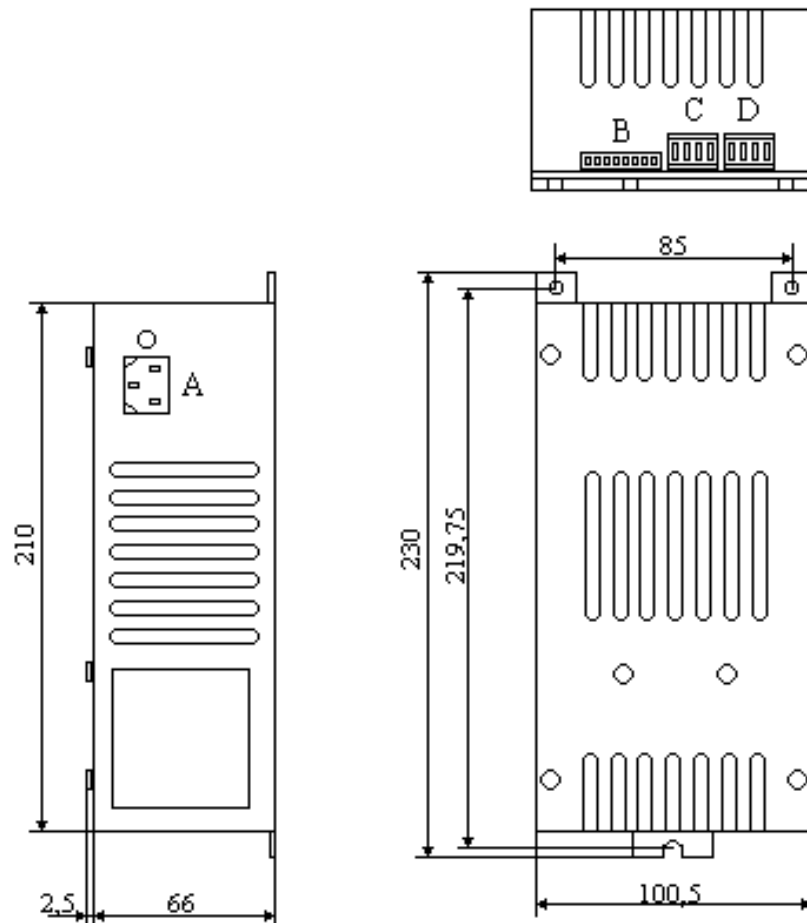
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Web site : <http://www.custom.it>

Electrical Characteristic

Model	ALITM02	ALITM02H
V1 Output	+24Vdc $\pm 5\%$ 0 - 3,5A	+24Vdc $\pm 5\%$ 0 - 3,5A
V2 Output	+5Vdc $\pm 5\%$ 0 - 1,5A	+5Vdc $\pm 5\%$ 0 - 1,5A
V3 Output	+12Vdc $\pm 5\%$ 0 - 0,2A	+12Vdc $\pm 5\%$ 0 - 2,5A
V4 Output	-12Vdc $\pm 5\%$ 0 - 0,2A	-12Vdc $\pm 5\%$ 0 - 0,2A
Input ⁽¹⁾	110Vac $\pm 15\%$	220-240Vac $\pm 15\%$ 50-60 Hz 1,1A

⁽¹⁾ Input voltage selection with internal jumper



Connections

- A** Input connector
- B** Output connector +5Vdc +5Vdc +12Vdc -12Vdc GND GND GND GND
- C** Output connector GND +24Vdc GND +5Vdc
- D** Output connector GND +24Vdc GND +5Vdc

Protections

Main input	Delayed fuses 3.15A		
+24Vdc Output	Short circuit	Overload	Overvoltage
+5Vdc Output	Short circuit	Overload	Overvoltage
+12Vdc Output	Short circuit	Overload	Overvoltage
-12Vdc Output	Short circuit	Overload	Overvoltage

Environmental Condition

Temperature	-10 °C	+50 °C	
Relative humidity	5 %	90 %	without condensing

Connection to the mains supply

Before connecting the power supply to the mains supply, ensure that the supply voltage and frequency are the same as those indicated on the sticker listing the machine's characteristic, that the supply system is earthed and protected by differential switch.

Verify that the absorption current doesn't over-ride the maximum current of power supply;