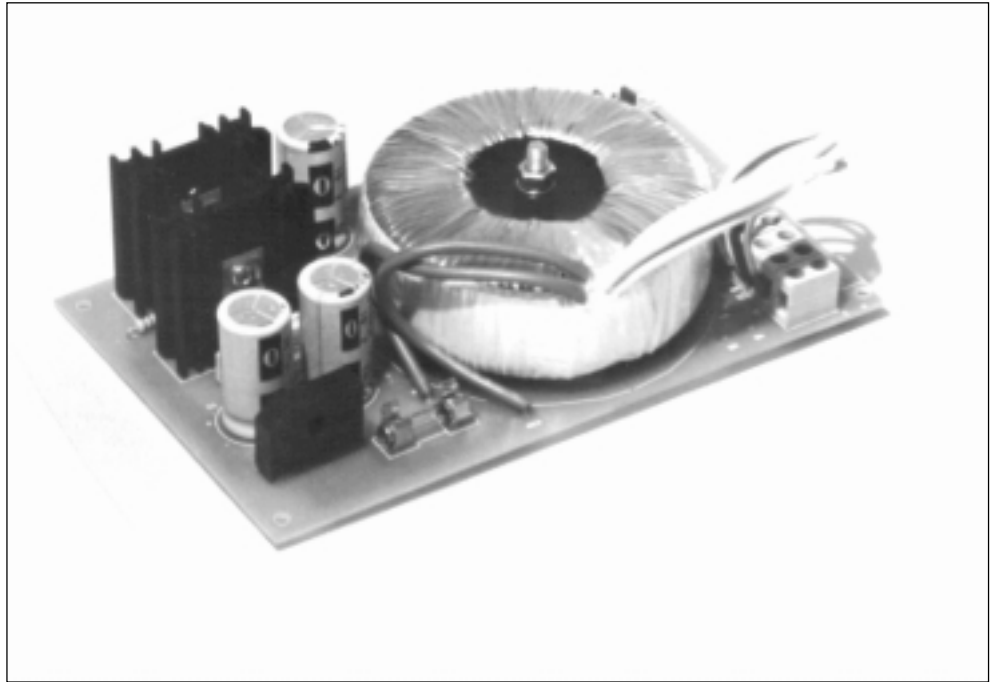


Features

- MP300/DP600 Printer PSU
- Drives D200 Interface
- Input Voltage Range:
 - 198VAC to 264VAC
 - or 99VAC to 132VAC
- User Can Select 115 or 230VAC Range
- Output Voltage Regulated:
 - 24.0VDC at 1.8A
 - 5VDC at 0.75A
- Output Voltage Adjustable
- PCB Contains Low Voltages Only
- Small Size
- Low Cost



Introduction

The D203 has been specifically designed to drive the MP300 and DP600 range of 24VDC mechanisms and interfaces.

The output of the D203 is pin to pin compatible with the D200 interface and supplies both 24VDC and 5VDC. The PCB contains low voltages only as mains is input to a terminal block. The user can select between 115VAC range or 230VAC range.

Applications

- EPoS Terminals
- OEM Equipment
- Data Loggers
- Ticket Dispenser

Operation

The D203 power supply has a variable potentiometer to adjust the 24VDC nominal voltage. This is factory set to 24.5VDC. The output voltage can be adjusted by placing a meter across Test Pins TP1 and TP2 and adjusting VR1.

The mains should preferably be via a mains filter. The D203 is supplied with mating housing and crimps. The user must build a cable from the D203 to the interface board as short as possible preferably less than 200mm.

A 230VAC range can be modified to 115VAC range and vice versa by the user.

For 230VAC range connect transformer wires to terminal block with brown to A, orange and black to B and white to C. For 115VAC connect black and brown to A and orange and white to C.

Specification

Power Requirements: AC Version: 198 to 264VAC 50/60Hz

Power Output: VP: +24.0VDC nominal at 1.8A
±1.0VDC regulation
VL: +5VDC±0.25VDC at 0.75A

Temperature: Operating: 0°C to +50°C
Storage: -20°C to +70°C

Relative Humidity: Operating: 5 to 80%
Storage: 95% (at 40°C) max non condensing

Weight: 800 grams

Physical Size: 138(W) x 100(D) x 40mm(H)

Fuse: 24VDC Secondary: 2.5A Semi-delay
5VDC Secondary: 1.5A Semi-delay

Connector:

Input: AC/DC Screw Terminal Type
Output: Molex connector + crimps (supplied)
Type: 6471-08-1

Order Code

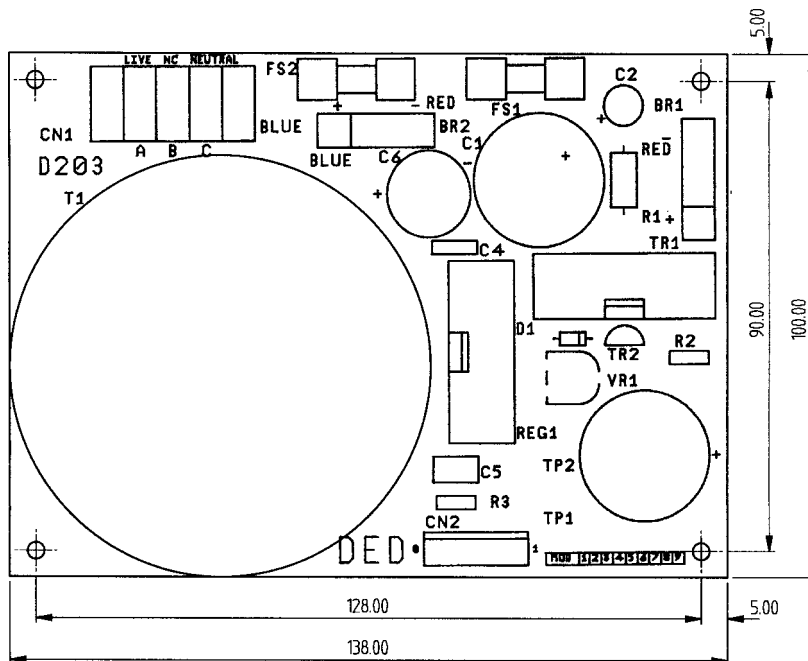
D203-01: 115/230VAC Power Supply

Stock no.
999-203

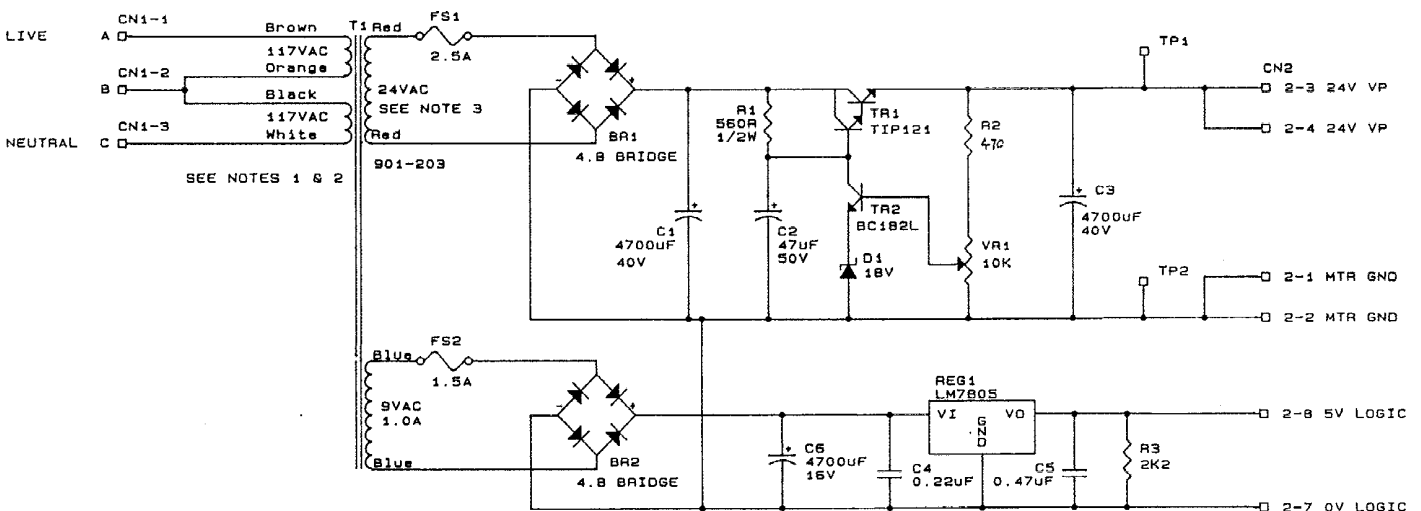
Connections

D203	D200 Interface
2-1	MTRGND
2-2	MTRGND
2-3	24V
2-4	24V
2-5	-
2-6	-
2-7	0V Logic
2-8	5V

Physical Dimensions (mm)



Circuit Diagram



NOTES:

- 1 Shown connected for 220/240VAC Input
- 2 For 110/120VAC connect Black and Brown to CN1-A and Orange and White to CN1-C

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Specifications are subject to change without notice



Technology for the New Century

DED Limited Mill Road Lydd Kent TN29 9EJ
Tel: 01797 320636 Fax: 01797 320273
e-mail: sales@ded.uk website: http://www.ded.co.uk