

E67

Speed Control Unit

A variable output DC speed controller that works with selected TecEquipment products

- Robust motor speed controller that works with several TecEquipment products
- Switchable 12 V or 24 V output
- Controls the speed of d.c motors
- Pulse Width Modulated (PWM) output
- Short-circuit and overload protection
- Laboratory-standard 4 mm output connectors



Description

A free-standing mains operated speed control unit in a robust metal cabinet. The unit works with 12 VDC and 24 VDC motors. A control on the front panel sets the pulse width modulated (PWM) output, which sets the speed of the motor that you connect.

The unit includes overload and short circuit protection that limits the output current to a safe value.

Standard Features

- Supplied with comprehensive user guide
- Two-year warranty
- Manufactured in accordance with the latest European Union directives

Specification

Output voltages:

12 VDC at 10 A maximum

24 VDC at 5 A maximum

Voltage ratings are independent of load current (up to a maximum current).

Essential Services

Electrical supply:

115 VAC, 50 Hz at 1 A

or 230 VAC 60 Hz at 2 A, single-phase (specify on order).

Operating Conditions

Operating environment:

Laboratory Environment

Storage temperature range:

-25°C to +55°C (when packed for transport).

Operating temperature range:

+5°C to +40°C

Operating relative humidity range:

80% at temperatures < 31°C decreasing linearly to 50% at 40°C

Dimensions and Weight

Nett: 430 mm x 270 mm x 115 mm; 7 kg

Packed: 0.07 m³; 10 kg (approx)

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