

**Product Code . ILS-EELE-10416**

## Universal Motor Speed Control

### Description

#### Universal Motor Speed Control

Half wave controller high torque at low speed version – skip cycling operation. Full wave controller using triac and demonstrating hysteresis effects improved by gate slaving techniques.

#### Features:-

The board consists of following built-in parts:

- Two capacitors to control firing angle of thyristors.
- DIAC and two Nos. of diodes.
- Snubber circuit in parallel with the triac, which helps in improving the  $Dv/Dt$  of the device and also helps in reducing the RFI.
- Adequate no. of other Electronic Components.
- A Universal motor of 1/12 H.P. or less capacity.
- SCR and TRIAC for the speed control of the universal motor.
- Two potentiometers.




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- Mains ON/OFF switch, Fuse and Jewel light.

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Direct Contact Details  +91-8569909696  sales@indianlabsuppliers.com  
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