



46572 Power Electronic raining Board has been designed specifically to determine the fusing characteristics and fusing factor of a given fuse. Practical experience on this board carries great educative value for Science and Engineering Students.

Object

- 01 To draw a graph between fusing time and fusing current of a given fuse.
- 02 To determine the fusing factor.
- 03 To verify that fuses have inverse time characteristics.

Features

The experimental set-up consists of the following :

- 01 One Inbuilt variac of input 230 V AC and output of 0 to 270 V at 2 Amp.
- 02 Digital meter to read 20/200 Amp AC.
- 03 Fuse wire : 01 Copper 02 Tinned copper
- 04 Digital Stop Clock : OMEGA TYPE DSC-602 With START/STOP operation by means of toggle switch & RESET by a push button switch. It has a range of 999.9 seconds with resolution of 0.1 seconds and accuracy of $\pm 0.01\%$ (Quartz controlled). Display is thorough 4 no's of 12.5mm bright Seven Segment Displays and working voltage of the unit is 230VAC $\pm 10\%$ at 50Hz.
- 05 Transformer output : 2.25 V at 200 Amp.
- 06 Mains ON/OFF Switch, Fuse and Jewel light.
- 07 The Unit is operative on 230VAC $\pm 10\%$ at 50Hz.
- 08 Good Quality, reliable terminal/sockets are provided at appropriate places on panel for connections/ observation of waveforms.
- 09 Weight : 13.300 Kg. (Approx.)
- 10 Dimension : W 415 x H 165 x D 315 (mm)

Note: Specifications are subject to change.