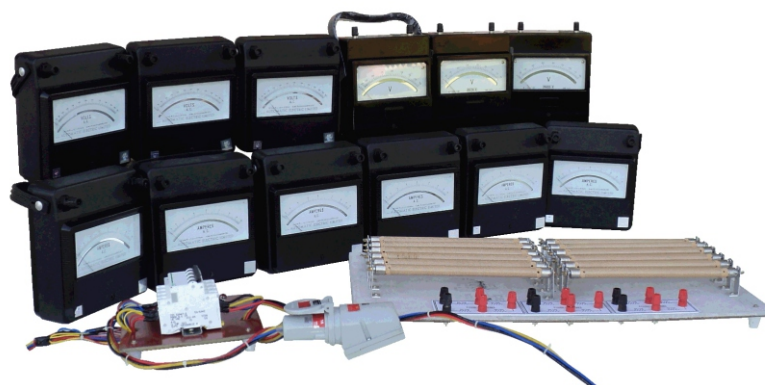


**VOLTAGE AND CURRENT RELATION IN
A CONNECTED SYSTEMS
3A TYPE ES-334**



OMEGA TYPE ES-334 Experimental setup has been designed specifically to verify the voltage and current relations in star and delta connected systems.

The set up is complete in all respect and requires no other apparatus. Practical experience on this setup carries great educative value for Science and Engineering Students.

OBJECT

- 01 To verify phase and line voltage, phase and line current relation in star connected system.
- 02 To verify phase and line voltage, phase and line current relations in delta connected system.

FEATURE

The board consists of the following built-in parts:

- 01 Moving Iron AC portable Voltmeter / : Housed in bakelite case with knife edge pointer & anti parallax mirror scale of Ammeter 140mm length, spring controlled movement, having accuracy class 1.0.
 - 1.1 Three moving iron AC Voltmeter 0 – 300 V.
 - 1.2 Three moving iron AC Voltmeter 0 – 500 V.
 - 1.3 Six moving iron AC Ammeter 0 – 10 Amp.
- 02 MCB 10AMP 4 pole with stand, Male and Female 3 phase connector with four wire lead and phase indication lamp.
- 03 Four fixed balanced resistance 50-70, 100-140, 150-210 & 200-280 ohms for each phase load.
- 04 The unit is operative on three phase 415 V \pm 10% at 50Hz AC Mains.
- 05 Adequate no. of connecting wires.
- 06 Good Quality, reliable terminal/sockets are provided at appropriate places on panel for connections/ observation of waveforms.
- 07 Strongly supported by detailed Operating Instructions, giving details of Object Theory, Design procedures, Report Suggestions and Book References.

We are committed to the continuous development of our products, and therefore reserve the right to amend specifications without prior notice.

OMEGA ELECTRONICS