

## 1.1 Electrical Specification

1.1.1 The supply voltage for the equipment is 415V, 3 phase, 50/60Hz. The unit will tolerate an input voltage variation of  $\pm 6\%$ .

**IMPORTANT:**

**The Unit Must be Connected to a 4 Wire Supply.**

1.1.2 The maximum power supply requirements will be 250VA per phase.

1.1.3 The maximum current output from each phase is:

10A at 0-20V

5A at 0-20V

1.1.4 Output current duty cycles:

Current 1 (5A) Continuously rated

Current 2 (10A) 5 minutes ON load followed by 15 minutes OFF load

1.1.5 Output current metering:

The analogue ammeters are scaled 0-5 & 0-10

There are two ammeter ranges selected by output terminal:- 0-5A & 0-10A

The metering accuracy is better than 1.5% of FSD.

1.1.6 The fixed control supply output (fully isolated) will be:

240V at 0.5A

1.1.7 The maximum voltage appearing on the relay contact test sockets

is 24V DC. The maximum current flowing in the test circuit when the relay contacts are connected will be 0.3A DC. The contact test circuits are fully isolated.



## **1.2 Variable Three Phase Output**

- 1.2.1 There are three independently controllable outputs available from the equipment. These outputs are 120° apart electrically.
- 1.2.2 The equipment's output terminals are located on the top edge of the front panel. Each terminal is clearly marked showing the output phase and polarity.
- 1.2.3 Each output phase is controlled by moving the appropriate regulator control knob in a clockwise direction. The output currents will be indicated on the ammeters.