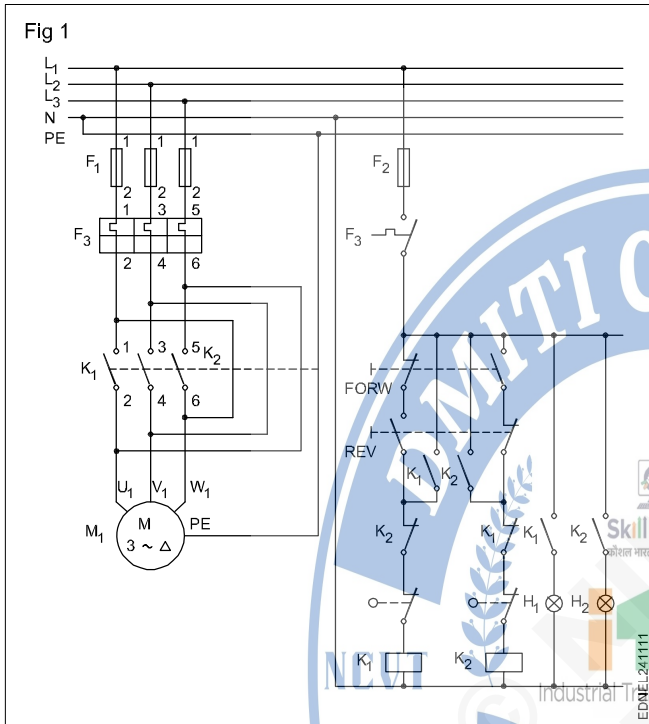


Drawing of electrical circuit diagram

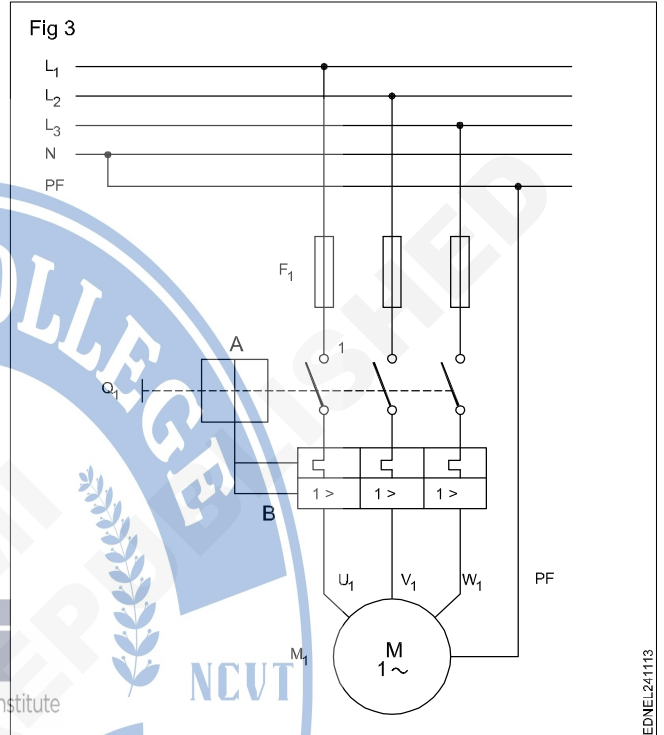
Three phasing switching circuit diagram

1 A 3-phase forward/reverse contactor circuit diagram is shown in Fig 1.

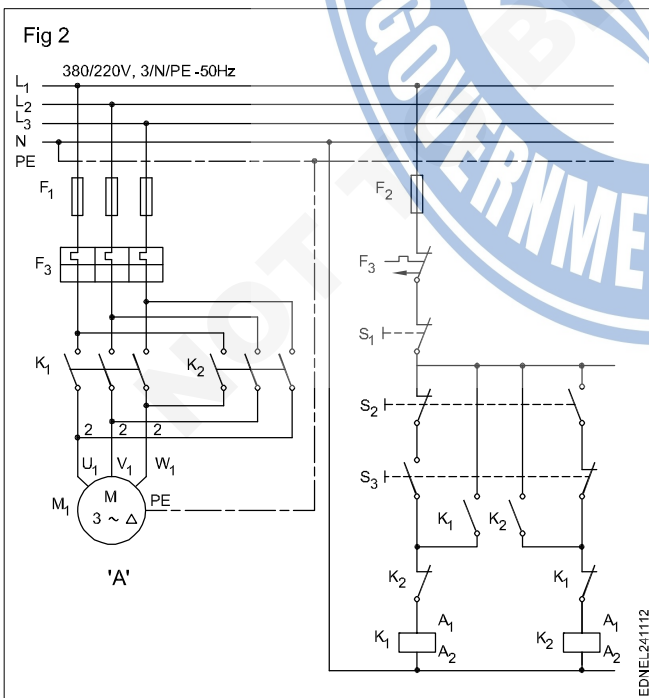


Three phasing squirrel cage motor circuit diagram

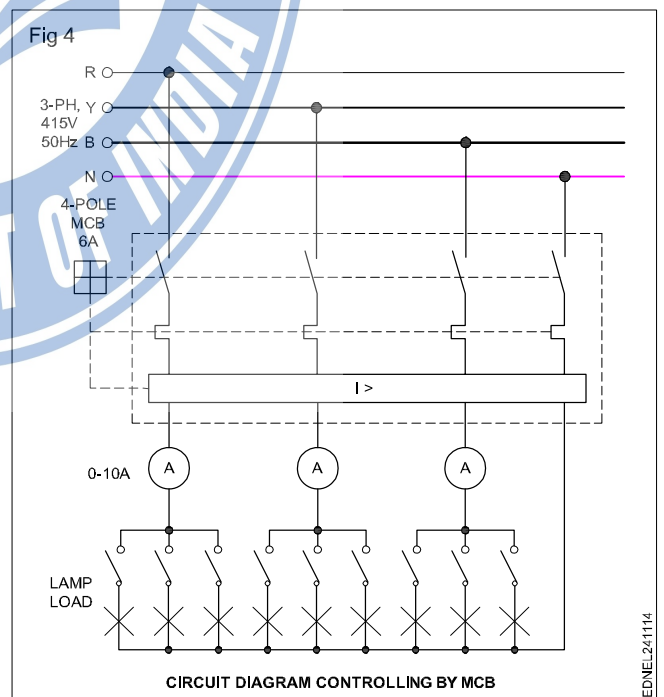
A 3-phase squirrel cage motor circuit diagram is shown in Fig 3.



2 A 3-phase forward/reverse switching circuit diagram is shown in Fig 2.



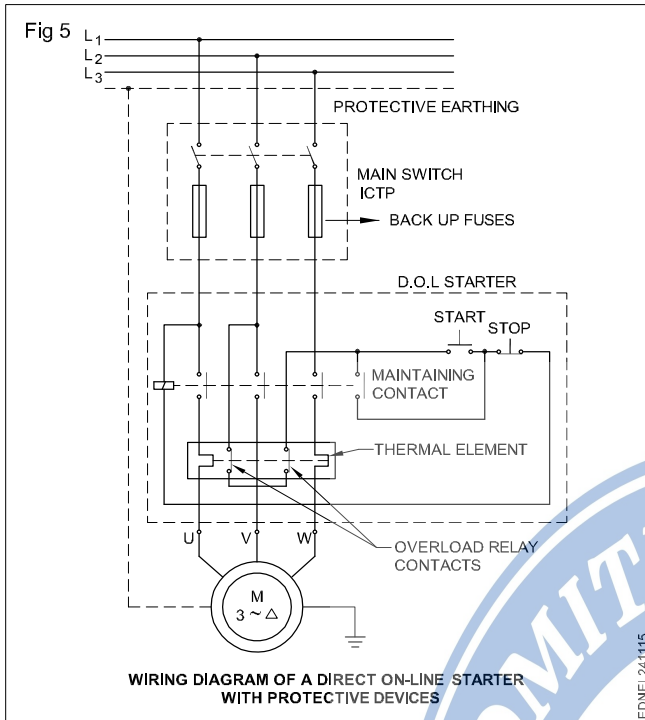
Circuit diagram controlling by MCB (Fig 4)



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Wiring diagram of a direct on-line starter with protective devices (Fig 5)



Draw the schematic diagram of two point and three point starters

The two-point starter is frequently used with a DC series motor. The starting resistance, electromagnet armature and the series field are all connected in series as shown in Fig 6.

Three-point starter: Fig 7 shows the internal diagram of a three (terminal) point starter connected to a DC shunt motor. The direct current supply is connected to the starter, the motor circuit through a double pole switch and suitable fuses. The starter has an insulated handle or knob for the operator's use. By moving the starter handle from the 'OFF' position to the first brass contact (1) of the starter, the armature is connected across the line through the starting resistance.

