

BIS Rules related to wiring: [IS 4648 - 5.5]

1. AC and DC circuits should be separated
2. In AC, 3 ϕ (Phases) is indicated in Red, Yellow and Blue. Neutral is indicated in Black.
3. If the voltage exceeds 250 volts, all the DB (Distribution Board) and main switch should be provided with danger board.
4. Total load in a circuit should not exceed 750w.
Number of points should not exceed 10.

5. For lighting load, the fuse wire should not exceed 5 Amp. capacity. For Power, it is 10 Amp.
6. In the domestic wiring, 3 Pin plug only should be used.
7. All the switches should be connected through live wire only and never on the neutral.
8. All the switch boards should be fixed at a height of 1.5 m.
9. All the fans should be fixed at a height of 9 feet (2.5 m) from the ground.
10. All the boards and switches should be fixed on left hand side of the entrance.