

- 7.4.1.2 Circuits from different distribution boards shall not be installed in a common conduit or trunking.
- 7.4.1.3 The circuit wires of different voltage grades shall be segregated with barriers in trunking runs or installed in separate conduits.
- 7.4.1.4 The circuit wires of individual categories such as lighting, power, emergency, etc. shall be segregated with barriers in trunking runs or installed in separate conduits.
- 7.4.1.5 Where a residential premise is supplied with a three phase supply, as far as possible, the light fittings, socket outlets, water heaters, cookers and other single phase apparatus installed within any room shall not be connected to more than one phase. Wherever more than one phase cannot be avoided, a minimum distance of 2.0 metres shall be maintained between any outlets, accessory or appliance connected to different phases of the supply.
- 7.4.1.6 Where switch box contain more than one phase, for group switching, approved switch boxes with phase barriers shall be used and labelled to indicate that 400 Volts exists at the box. All circuit wires shall be colour identified as specified under section 4 in the regulation.
- 7.4.1.7 Where a wiring system is located in close proximity to non-electrical service, the wiring system shall be adequately segregated and protected against hazards likely to arise from the presence of the other service in normal use. Provision shall be made for safe and adequate access to all parts of the wiring system which may require inspection, maintenance or replacement.
- 7.4.1.8 Switches controlling light fitting, water heater, etc. shall not be installed in bathroom. In kitchen and in situations where water is regularly used, switches shall not be mounted within 2 metres of any water tap, wash basin or sink. If this is not possible ceiling mounted insulated cord operated switches shall be used.
- 7.4.1.9 No socket-outlet shall be mounted within 2 metres of any water tap, wash basin or sink in a kitchen. Socket outlets shall not be installed in bathrooms.
- 7.4.1.10 A track system for luminaires shall comply with the requirements of BS EN 60570.

7.4.2 **Mounting heights of accessories**

All lighting switches, D.P. switches of air conditioning units & water heaters, ceiling fan regulators, shaver socket outlets, etc., generally used in the electrical installation shall be mounted at 125cm from the finished floor level.

All switches shall be mounted in readily accessible positions.