

- a. Single phase RCCB incomer
 - b. Pan type busbars assembly
 - c. neutral terminal block
 - d. earth terminal block
 - e. Single phase MCB for outgoing circuits and subject to the approval of the Engineer and ADDC.
- C. All circuits shall be labelled to indicate the area served by each miniature circuit breaker.
- D. The ELCB shall provide accident protection by interrupting dangerous contact voltage that may be present in faulty electrical appliances. It shall also provide a high degree of protection against earth fault and electric shock. It shall be designed to function trouble free under climatic and specific conditions prevailing on site and shall be suitable for the load required. The tripping current shall be 30/100 mA.
- E. The MCB shall be type (B) {Type (II)} for lighting circuits and type (C) {type (III)} for the other loads and shall have a braking capacity depending on the source of incoming supply but minimum breaking capacity shall be 10 K.A. The frame size of all the MCB's shall be the same, subject to suitability. The single line drawing of installation shall be approved from ADDC before the D.B. is manufactured.

1.3.33.2 Socket Outlet

- A. Sockets in wet rooms (kitchen etc.) and workshops shall be installed 1.50 m above finished floor level and in dry wells of pumping stations 2.00 m above finished floor level. Sockets in all other rooms shall be installed 60 cm above finished floor level 13 Amps. Sockets shall be the three rectangular pin type confirming to BS 1363 with fully recessed switch dolly. For indoor installation, such as offices, stores, corridors etc. the socket shall be flush mounting and grid switch pattern with matt finish covered with heat cured lacquer finish. Sockets for outdoor, for installation in wet rooms, pump room, dosing plant and workshops shall be water tight, iron clad galvanized / harden moulded PVC water tight with switch and cover (covering the socket when plug is removed). The cover shall be chained to the casing of the socket, to keep the cover in position when socket is in use. Sockets shall be installed complete with plug. Outdoor sockets at 230 Volts shall be 3 round pin and 400 V, 16 Amps, 25 Amps and 45 Amps socket shall be the 4 pin plus centre