

Annexure for MCC panel

SUB: 415v, 3phase, 50HZ, MCC panel specification

Sheet steel enclosed, self standing, floor mounted, front hinged door, 415v, 3 ph, 50HZ MCC panel, well painted with electrical grade paint and smooth finish. The panel shall have provision for two distinct earth connections complete with power and control wiring up to outgoing terminals provide in separate cable alley box. All the cable shall be bottom entry with detachable gland plates. All the control wiring shall be with 2.5 sq.mm. Flexible copper control cable and power cable shall be copper conductor of required rating. All the wiring works shall be with proper ferruling and socketing.

Details of the feeders are as follows

Incomer: 250 Amps MCCB

RYB indication, volt meter with selector switch, ammeter with selector switch, ELR with CBCT of rang 100mA to 750mA. Digital energy meter.

Outgoing feeders:

- | | |
|----------------------|---------|
| 1).40 HP DOL starter | =4 Nos |
| 2)10 HP DOL starter | =5 Nos |
| 3)100 Amps MCCB | = 2 Nos |
| 4)63 Amps MCCB | =2 Nos |

Sr.No:1&2 all the outgoing starters shall be provided with required MCCB,fuse, suitable contactor, over load relay, ammeter with selector switch,ELR with CBST of range 100mA to 750mA, on/off indication with on/off operation. Remote operation control wiring with additional interlock shall be wired up to terminals.

Sr.No. :3&4 suitable MCCB and fuses

Material make description

- | | |
|-------------------------------|---------------------------|
| Contactors, relay.MCCB s | =L&T /ABB/Schneider |
| Push button, indication lamps | =ESBEE/C&S |
| ELR& CBCT | =prok devices (prok dv's) |
| Meters | =AE/Schneider |
| Selector switches | =C&S /Recom |