

## **Specification – BHEL R&D, ELX-65**

### **100 KVAR APFC Control Panel consisting the following:**

#### **INCOMER :**

- 1 No. 400A. TPN SFU with HRC fuses as incomer.
- 1 No. 0-500V. Voltmeter with selector switch.
- 1 No. 400/5A. Ammeter with selector switch
- 1 set R, Y, B LED Indicating lamps.
- 1 No. 8Stage APFC relay
- 3 Nos. 6A. SP MCB.
- 3 Nos. 400/5A. CT
- 1 Set Electrolytic Grade Copper Busbars – 400A. rating

#### **OUTGOINGS :**

### **02 Nos. 25 KVAR Capacitor Feeders each Consisting of :**

- 1 No. 63A. TPN SFU with HRC fuses.
- 1 No. MPX25 Capacitor Duty contactor.
- 2 Nos. 'ON/OFF' Indicating lamps.
- 1 set. 'START/STOP' Pushbuttons.
- 1 Set. Ammeter with CTs
- 1 No. 6A. SP MCBs.
- 1 No. 25KVAR capacitor bank – Heavy duty type.

### **02 Nos. 15 KVAR Capacitor Feeder Consisting of :**

- 1 No. 63A. TPN SFU with HRC fuses.
- 1 No. MPX15 Capacitor Duty contactor.
- 2 Nos. 'ON/OFF' Indicating lamps.
- 1 set. 'START/STOP' Pushbuttons.
- 1 Set. Ammeter with CTs
- 1 No. 6A. SP MCBs.
- 1 No. 15KVAR capacitor bank – Heavy duty type.

### **02 Nos. 10 KVAR Capacitor Feeder Consisting of :**

- 1 No. 32A. TPN SFU with HRC fuses.
  - 1 No. MPX10 Capacitor Duty contactor.
  - 2 Nos. 'ON/OFF' Indicating lamps.
  - 1 set. 'START/STOP' Pushbuttons.
  - 1 Set. Ammeter with CTs
  - 1 No. 6A. SP MCBs.
  - 1 No. 10KVAR capacitor bank – Heavy duty type
- 1 No. PT feeder (Transformer)

#### **Make of components:**

- Switchgear - Legrand/ Siemens/ L&T/GE
- Accessories - Reputed make