

### 3 OLP (OVER LOAD PROTECTOR)

#### 1) Definition of OLP

- (1) OLP (OVER LOAD PROTECTOR) is attached to the Hermetic Compressor and protects the Motor by cutting off current in Compressor Motor in case of over-rising temperature by Bimetal in the OLP.
- (2) When over-voltage flows to Compressor motor, the Bimetal works by heating the heater inside the OLP, and the OLP protects Motor by cutting off current which flows to the Compressor Motor.

#### 2) Role of the OLP

- (1) The OLP is attached to the Hermetic Compressor used for the Refrigerator and Show Case and prevents the Motor Coil from being started in the Compressor.
- (2) Do not turn the Adjust Screw of the OLP in any way for normal operation of the OLP.  
(Composition and connection Diagram of OLP)

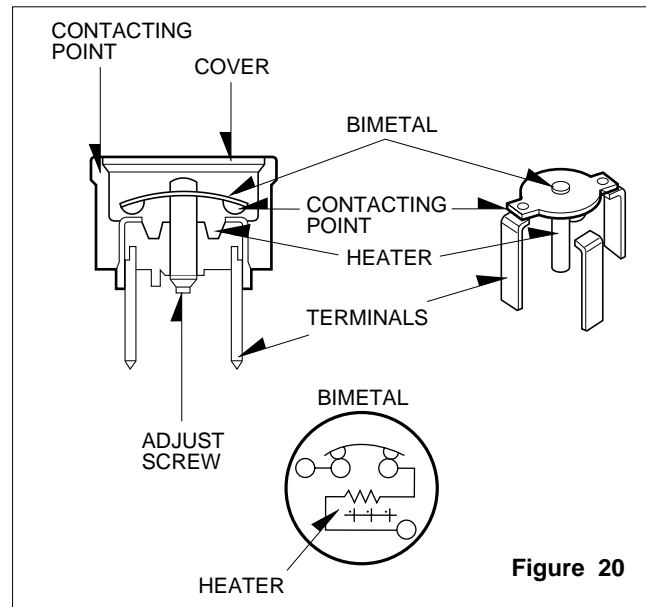
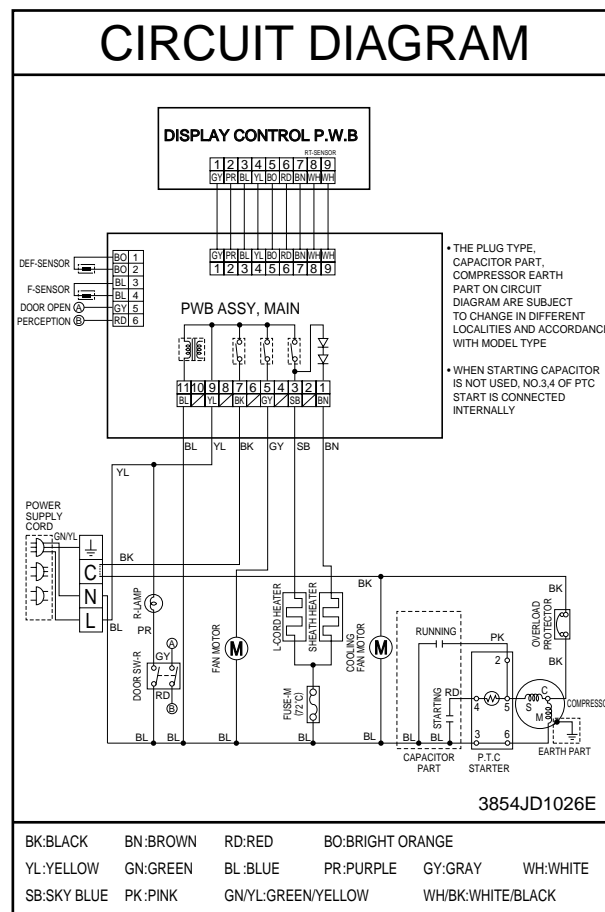


Figure 20

## CIRCUIT DIAGRAM



**NOTE :** 1. This is a basic diagram and specifications vary in different localities.