

## **1. PART 1 – GENERAL**

### **1.1 Section includes**

- .1 Materials for moulded-case circuit breakers, circuit breakers.

## **2. PART 2 – PRODUCTS**

### **2.1 Breakers general**

- .1 Bolt-on moulded case circuit breaker: quick- make, quick-break type, for manual and automatic operation with temperature compensation for 40 degrees C ambient.
- .2 Plug-in moulded case circuit breakers: quick- make, quick-break type, for manual and automatic operation with temperature compensation for 40 degrees C ambient.
- .3 Common-trip breakers: with single handle for multi-pole applications.
- .4 Magnetic instantaneous trip elements in circuit breakers to operate only when value of current reaches setting. Trip settings on breakers with adjustable trips to range from 3-8 times current rating.
- .5 Circuit breakers with interchangeable trips as indicated.
- .6 Circuit breakers to have minimum symmetrical rms interrupting capacity rating as indicated on drawings..

### **2.2 Thermal magnetic breakers**

- .1 Moulded case circuit breaker to operate automatically by means of thermal and magnetic tripping devices to provide inverse time current tripping and instantaneous tripping for short circuit protection.

### **2.3 Optional features**

- .1 Include:
  - .1 ☐ Shunt trip.
  - .2 ☐ Auxiliary switch.
  - .3 ☐ Motor-operated mechanism c/w time delay unit.
  - .4 ☐ Under-voltage release.

### **2.4 Accredited manufacturers**

- .1 Eaton (Cutler-Hammer).

## **3. PART 3 – EXECUTION**

### **3.1 Installation**

- .1 Install circuit breakers as indicated.