a. 800 Amps. and above shall be 3 Pole or 4 Pole as applicable draw out electrically operated motor driven type Air Circuit Breaker (ACB)

b. Above 160 Amps but below 800 Amps. shall be 3 Pole or 4 Pole as applicable draw out, electrically operated motor driven type Moulded Case Circuit Breaker (MCCB).

c. Up to and including 160 Amps. Shall be 3 Pole or 4 Pole as applicable Plug-in type manually operated Moulded Case Circuit Breaker (MCCB).

d. MCCB rated up to and including 125 amps. 3 pole with neutral link when used as a means of KWH metering cut-out for ADDC shall be manually operated fixed type.

D. Unless specified otherwise all Outgoing(s) Circuit Breakers shall be sized based on the current ratings as follows:-

a. Above 800 Amps. shall be 3 Pole draw out electrically operated motor driven type Air Circuit Breaker (ACB)

b. Above 250 Amps but less than or equal to 800 Amps. Shall be 3 draw out, manually operated Moulded Case Circuit Breaker (MCCB).

c. Up to and including 250 Amps. Shall be 3 Pole Plug-in type manually operated Moulded Case Circuit Breaker (MCCB).

E. All low voltage ACB/MCCBs shall be rated for continuous duty at 400 V 3 Phase 50 Hz with minimum short circuit capacity 50 KA for 1 second.

F. All low voltage Circuit Breakers shall have utilization category B so as to provide selective discrimination with other series devices.

1.3.13.1 Low Voltage Air Circuit Breaker (ACB)

A. Air Circuit breakers shall be provided as stated above, fully withdraw able electrically operated motor driven type with electrical and mechanical ON/OFF/TRIP indications.

B. Electrically operated air circuit breakers shall be provided with manually operated handle for charging spring mechanism allowing the breaker to operate manually in the event of failure of motor mechanism.

C. The air circuit breaker shall be provided with built-in over current, short circuit and earth fault protection having the following characteristics:-