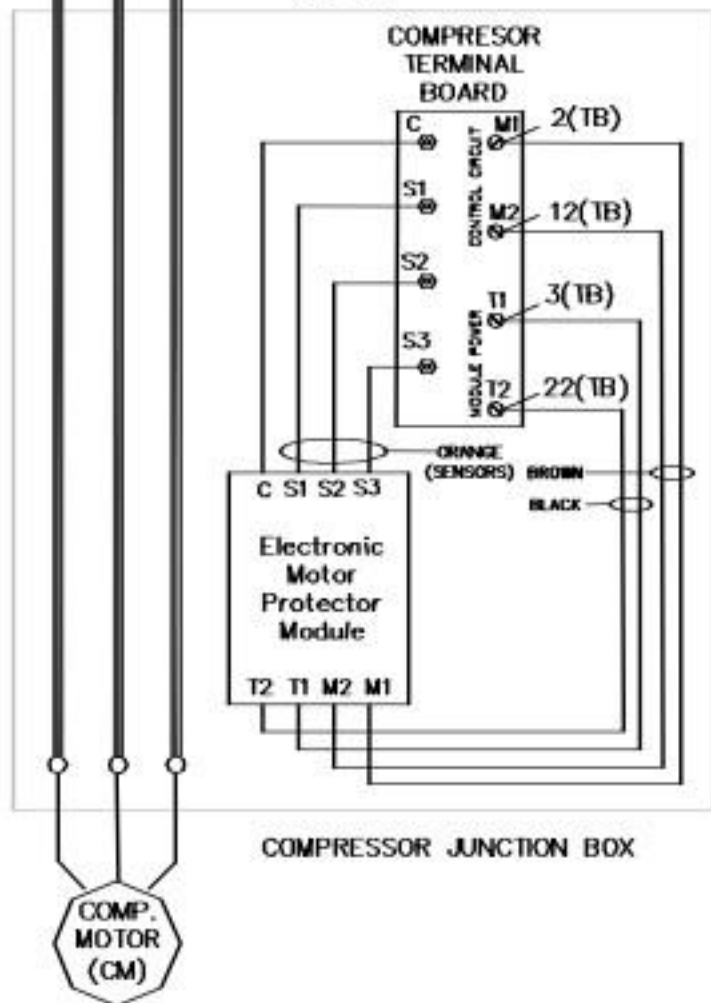




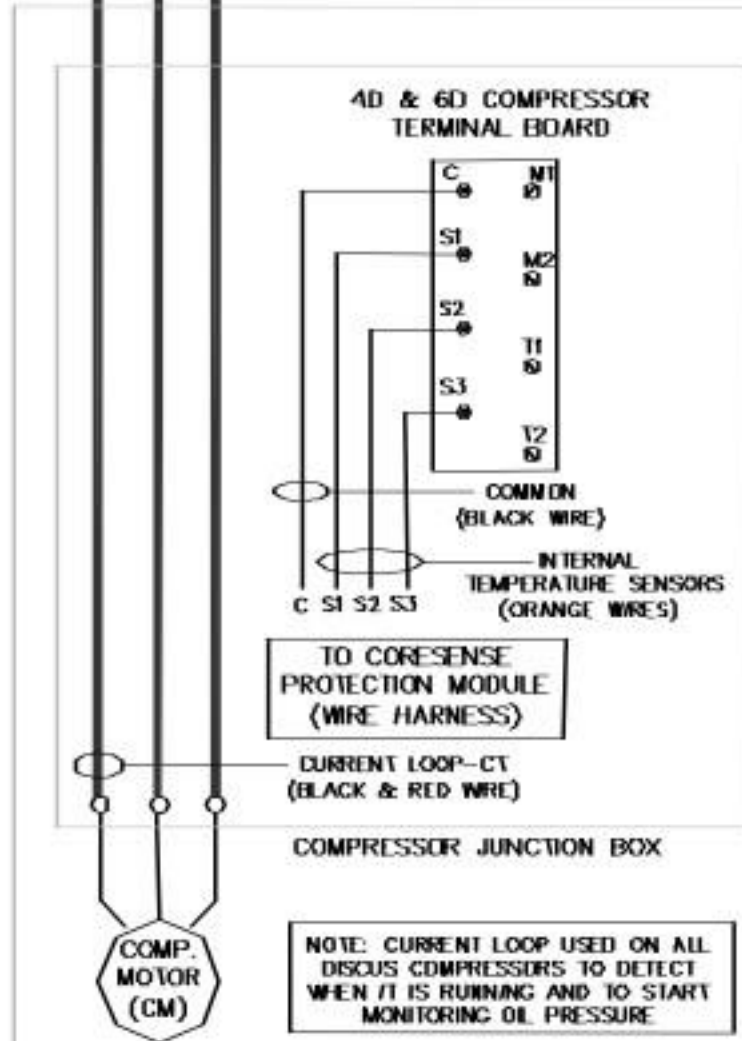
### Compressor with Electronic Motor Protection

CM-OL



NOTE: ELECTRONIC OVERLOAD PROTECTOR MODULE USED ON 4D & 6D COPELAND DISCUS COMPRESSORS THAT DO NOT HAVE CORESENSE PROTECTION

### Compressor with CoreSense Motor Protection



NOTE: CURRENT LOOP USED ON ALL DISCUS COMPRESSORS TO DETECT WHEN IT IS RUNNING AND TO START MONITORING OIL PRESSURE

NOTE: ON 4D & 6D COPELAND DISCUS COMPRESSOR, INTERNAL TEMPERATURE SENSORS SEND SIGNAL TO CORESENSE PROTECTION MODULE TO PROVIDE OVER CURRENT PROTECTION.

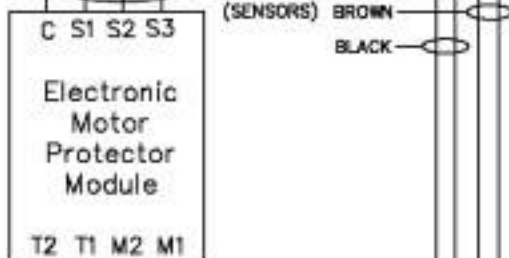
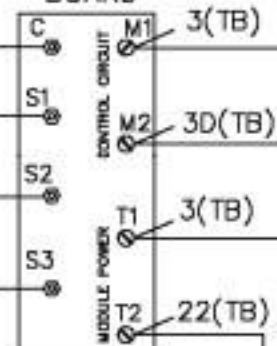
NOTE: ON 2D & 3D COPELAND DISCUS COMPRESSORS HAVE INTERNAL LINE BREAK OVERCURRENT PROTECTION.

T1 T2 T3

COMPRESSOR WITH ELECTRONIC MOTOR PROTECTION

CM-OL

COMPRESSOR  
TERMINAL  
BOARD



COMPRESSOR JUNCTION BOX

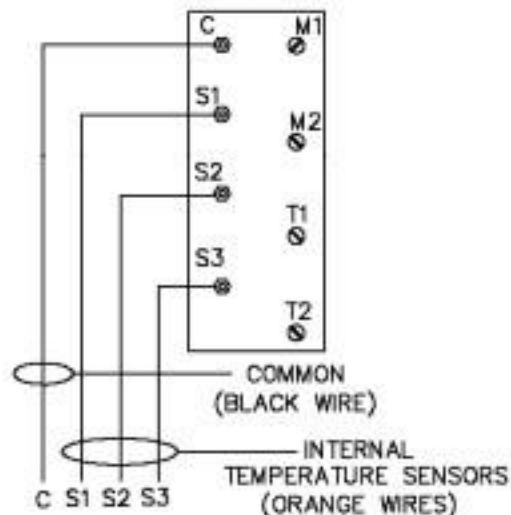
COMP.  
MOTOR  
(CM)

NOTE: ELECTRONIC OVERLOAD PROTECTOR MODULE USED ON 4D & 6D COPELAND DISCUS COMPRESSORS THAT DO NOT HAVE CORESENSE PROTECTION

T1 T2 T3

COMPRESSOR WITH CORESENSE PROTECTION

4D & 6D COMPRESSOR  
TERMINAL BOARD



TO CORESENSE  
PROTECTION MODULE  
(WIRE HARNESS)

CURRENT LOOP-CT  
(BLACK & RED WIRE)

COMPRESSOR JUNCTION BOX

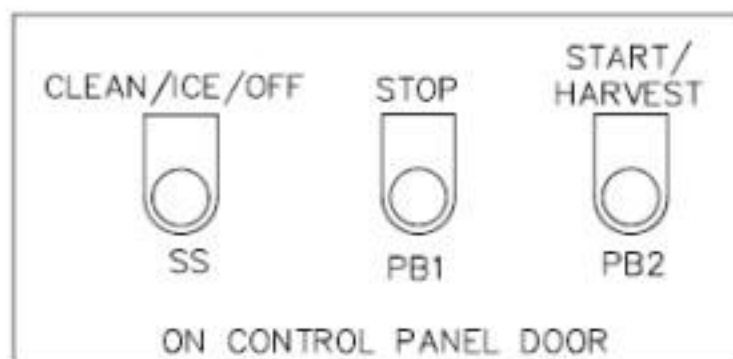
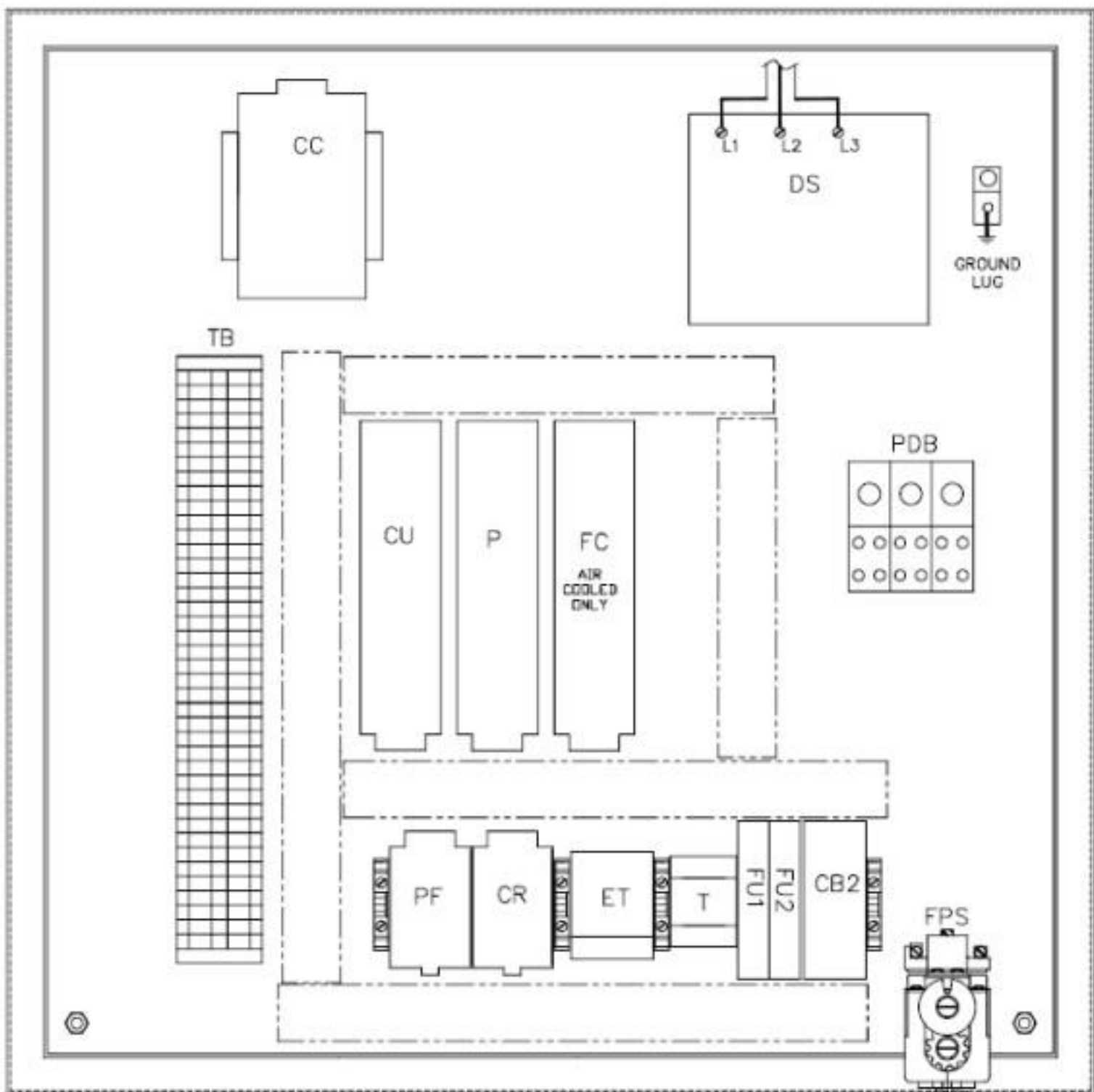
COMP.  
MOTOR  
(CM)

NOTE: CURRENT LOOP USED ON ALL DISCUS COMPRESSORS TO DETECT WHEN IT IS RUNNING AND TO START MONITORING OIL PRESSURE

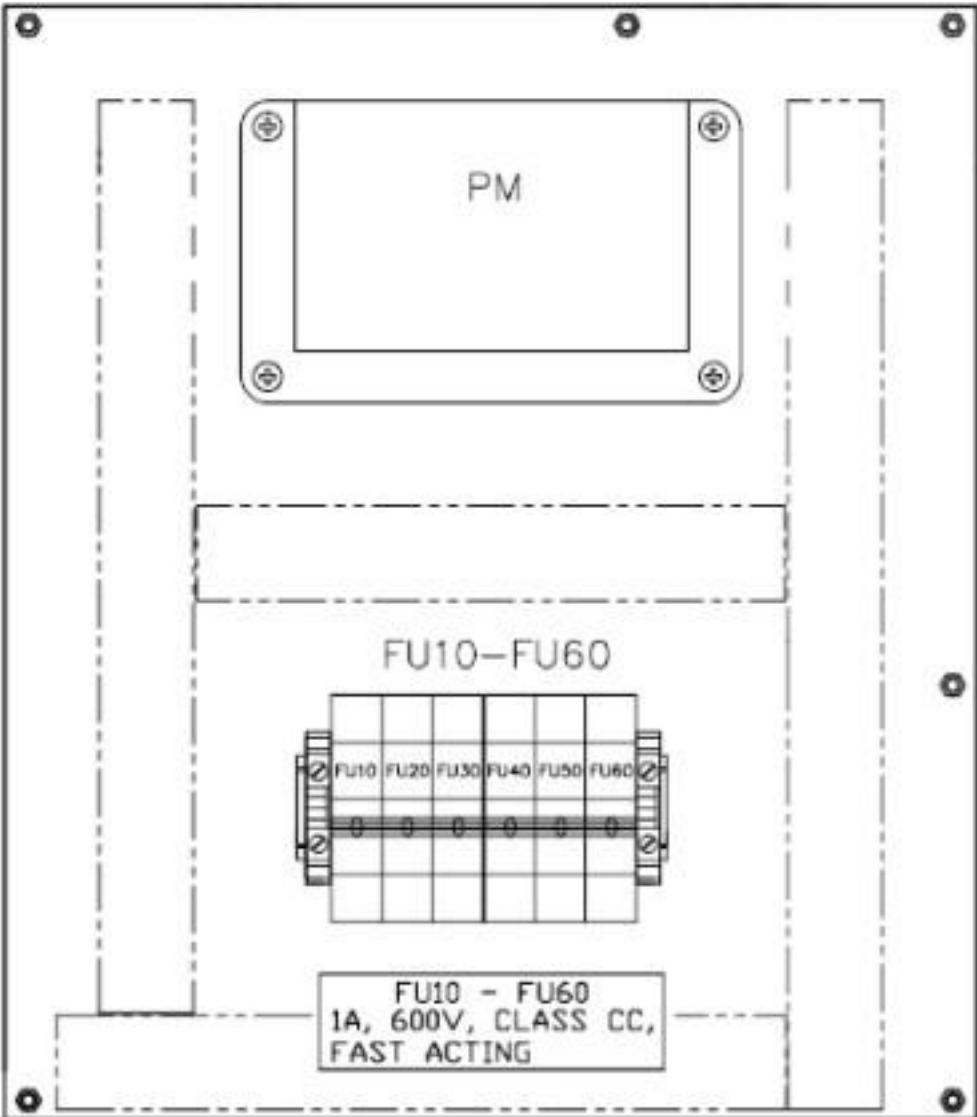
NOTE: ON 4D & 6D COPELAND DISCUS COMPRESSOR, INTERNAL TEMPERATURE SENSORS SEND SIGNAL TO CORESENSE PROTECTION MODULE TO PROVIDE OVER CURRENT PROTECTION.

NOTE: ON 2D & 3D COPELAND DISCUS COMPRESSORS HAVE INTERNAL LINE BREAK OVERCURRENT PROTECTION.





OPTIONAL POWER MONITOR  
LOCATED ON BACK OF  
ENCLOSURE DOOR.



SS

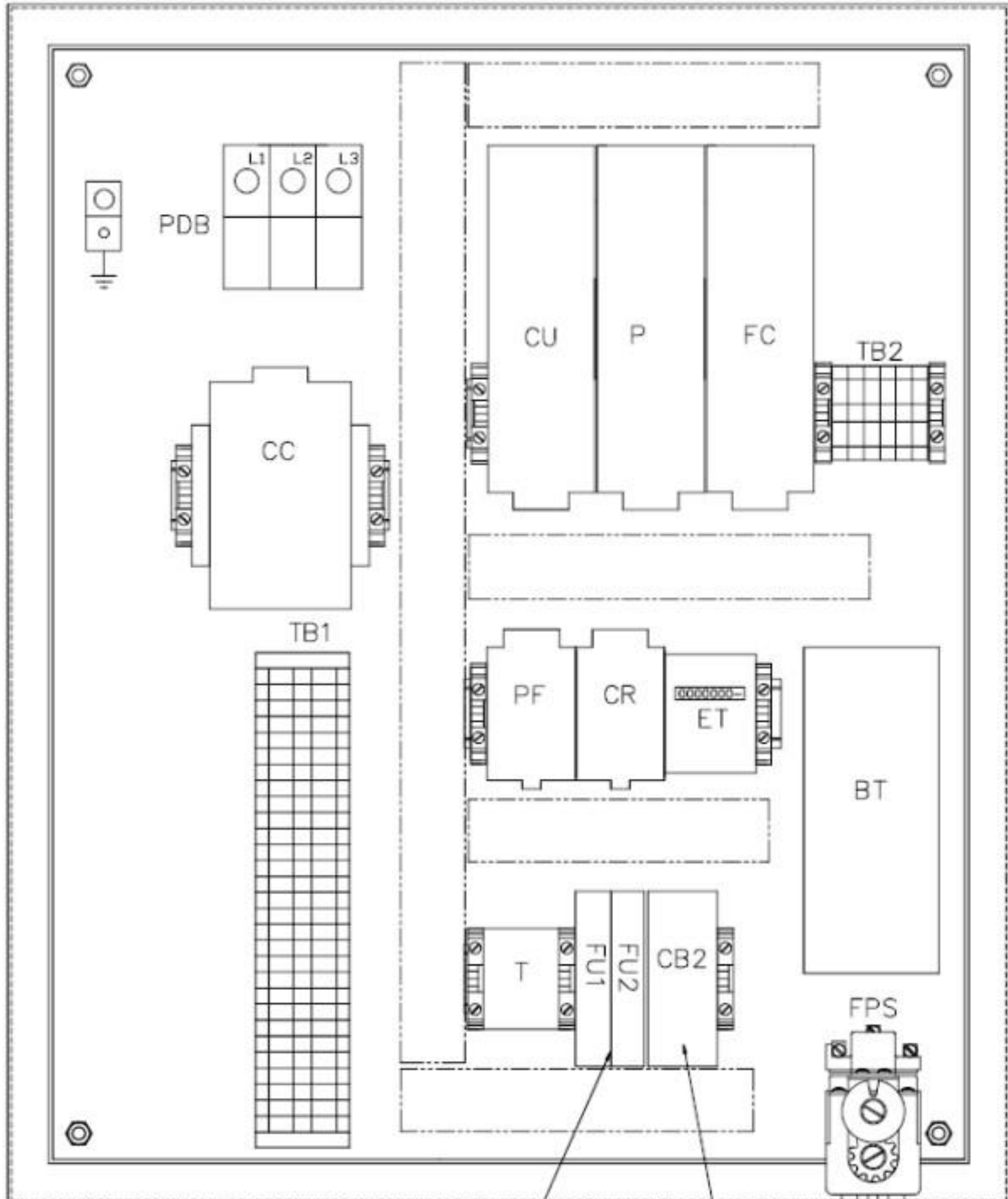


PB1



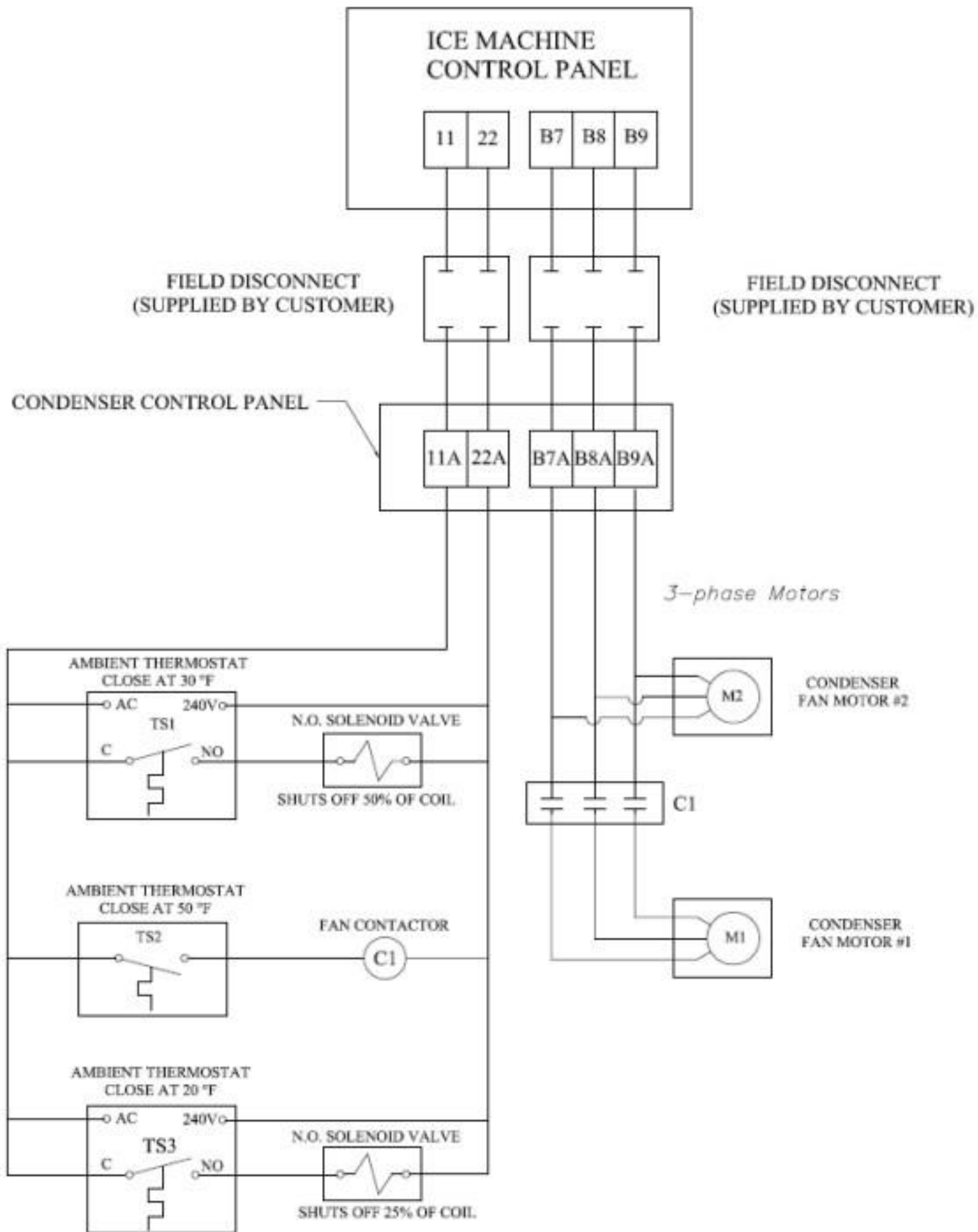
PB2

SWITCHES LOCATED ON  
OUTSIDE OF CONTROL  
PANEL DOOR



FU1 & FU2  
 5A, 600V, CLASS  
 CC, TIME DELAY

CIRCUIT BREAKER  
 USED ON 400/460/575V  
 MACHINES ONLY



ing provided.

**MAIN MACHINE POWER**  
Incoming power to be connected to  
Power Distribution Block (PDB)

**AUX CONNECTIONS**  
Cutter Motor, Pump Motor  
& Compressor Interlocks

**AIR COOLED CONDENSER  
CONNECTIONS**  
Power for Fan Motors (B7, B8 & B9)

**AIR COOLED CONDENSER CONNECTIONS**  
Power for Condenser control circuit (11 & 22)

