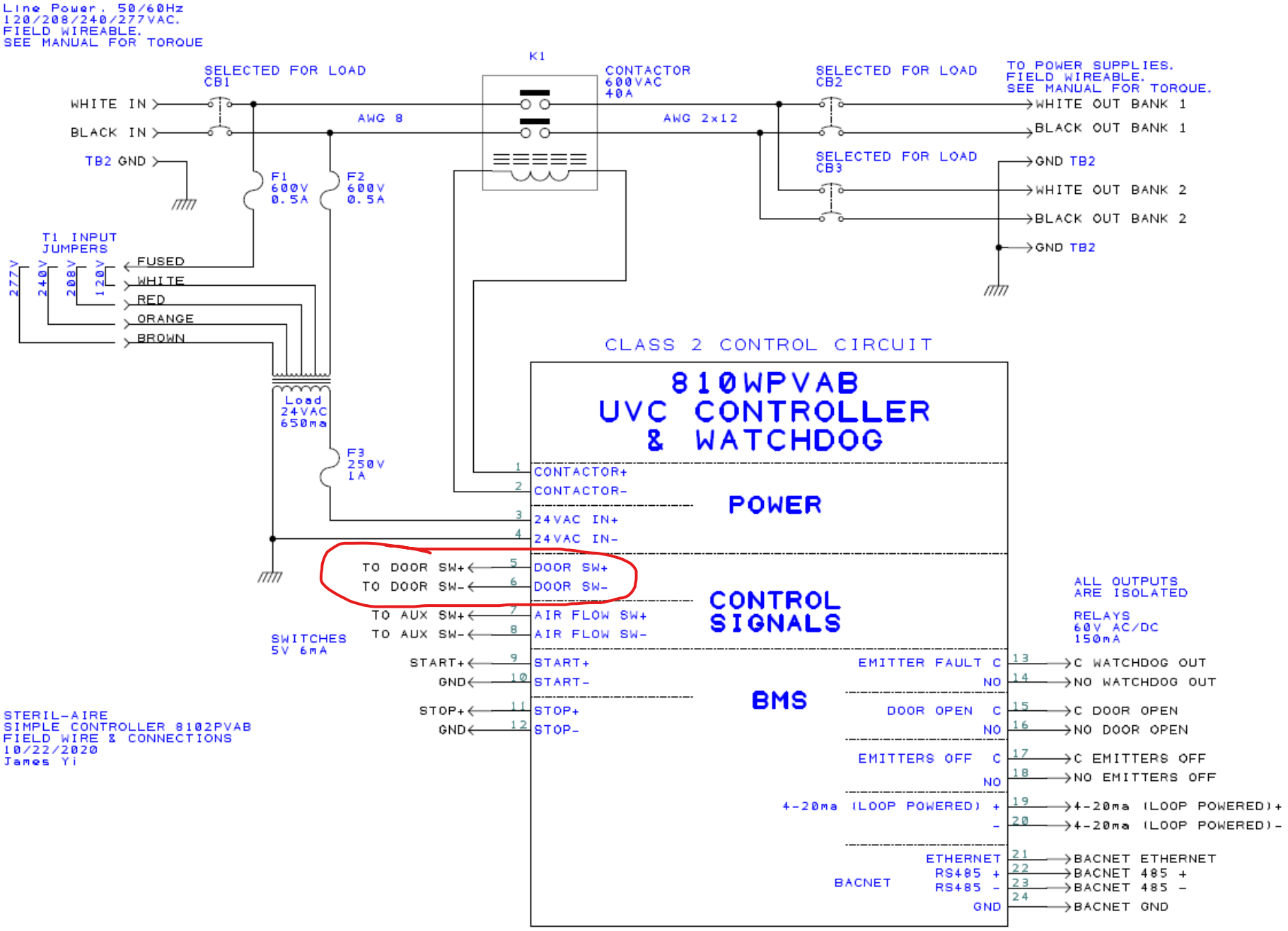
Line Power, 50/60Hz
120/208/240/277VAC.
FIELD WIREABLE.
SEE MANUAL FOR TORQUE
SELECTED FOR LOAD
CB1
K1
CONTACTOR
600VAC
40A
SELECTED FOR LOAD
CB2
TO POWER SUPPLIES.
FIELD WIREABLE.
SEE MANUAL FOR TORQUE.
WHITE IN
BLACK IN
TB2 GND
AWG 8
AWG 2x12
WHITE OUT BANK 1
BLACK OUT BANK 1
SELECTED FOR LOAD
CB3
GND TB2
WHITE OUT BANK 2
BLACK OUT BANK 2
GND TB2
F1
600V
0.5A
F2
600V
0.5A
T1 INPUT
JUMPERS
277V
240V
208V
120V
FUSED
WHITE
RED
ORANGE
BROWN
Load
24VAC
650ma
F3
250V
1A
CLASS 2 CONTROL CIRCUIT
810WPVAB
UVC CONTROLLER
& WATCHDOG
POWER
1 CONTACTOR+
2 CONTACTOR-
3 24VAC IN+
4 24VAC IN-
CONTROL
SIGNALS
TO DOOR SW+ 5 DOOR SW+
TO DOOR SW- 6 DOOR SW-
TO AUX SW+ 7 AIR FLOW SW+
TO AUX SW- 8 AIR FLOW SW-
SWITCHES
5V 6mA
START+ 9 START+
GND 10 START-
STOP+ 11 STOP+
GND 12 STOP-
BMS
ALL OUTPUTS
ARE ISOLATED
RELAYS
60V AC/DC
150mA
EMITTER FAULT C 13 C WATCHDOG OUT
NO 14 NO WATCHDOG OUT
DOOR OPEN C 15 C DOOR OPEN
NO 16 NO DOOR OPEN
EMITTERS OFF C 17 C EMITTERS OFF
NO 18 NO EMITTERS OFF
4-20ma (LOOP POWERED) + 19 4-20ma (LOOP POWERED)+
- 20 4-20ma (LOOP POWERED)-
BACNET
ETHERNET 21 BACNET ETHERNET
RS485 + 22 BACNET 485 +
RS485 - 23 BACNET 485 -
GND 24 BACNET GND
STERIL-AIRE
SIMPLE CONTROLLER 8102PVAB
FIELD WIRE & CONNECTIONS
10/22/2020
James Yi