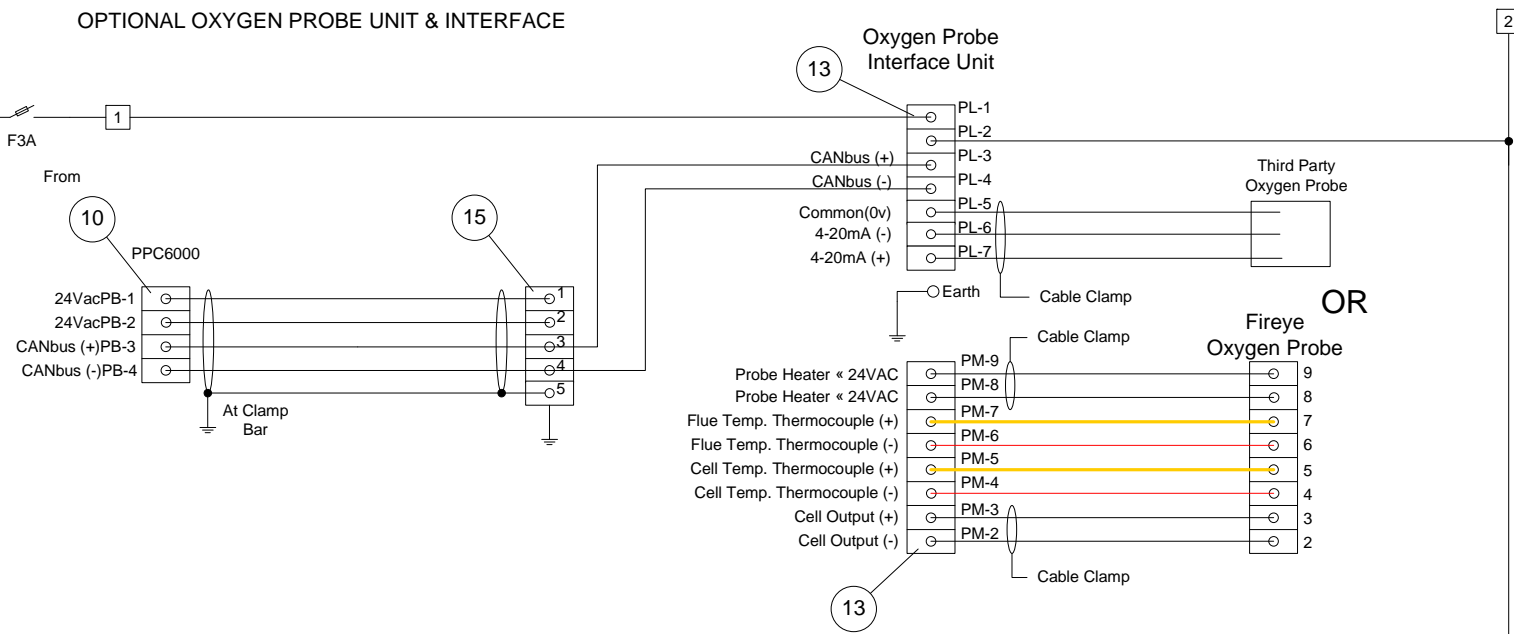


- PPC6000 Terminal
- 88 Terminal Block
- ◇ YZ300 Terminal Block
- 88 YB110 xxxx Terminal
- 88 NXCxx / NX6xx Terminal Block
- △ Generic Terminal Block

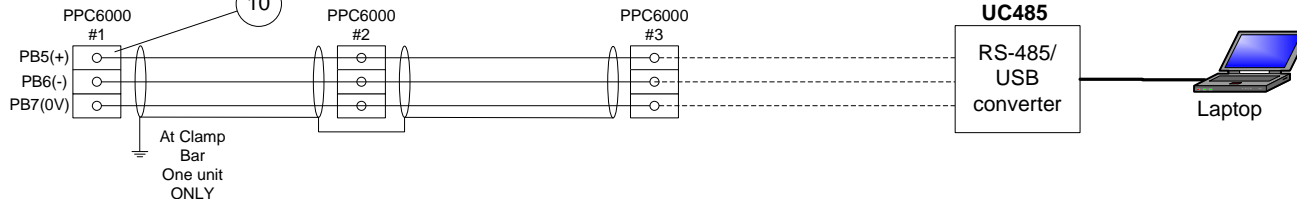
Burner Logix, Expansion Module & PPC6000		DESCRIPTION Typical schematic YB110UVSC/ YP138/YZ300/PPC6000		
		SIZE B	FSCM NO	DWG NO JC11092007-1
DRAWN JC	ISSUED 3/7/08	SCALE N/A	SHEET 1 OF 3	

66
--
--
70
--
--
75
--
--
80
--
--
85
--
--
90
--
--
95
--
--
100
--
--
105
--
--
110
--
--
115
--
--
120
--
--
125
--
--
130

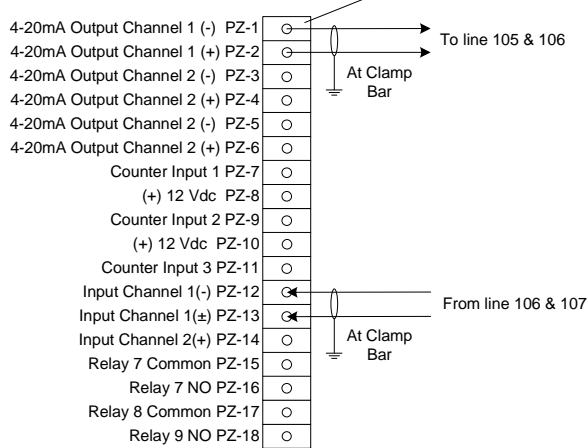
OPTIONAL OXYGEN PROBE UNIT & INTERFACE



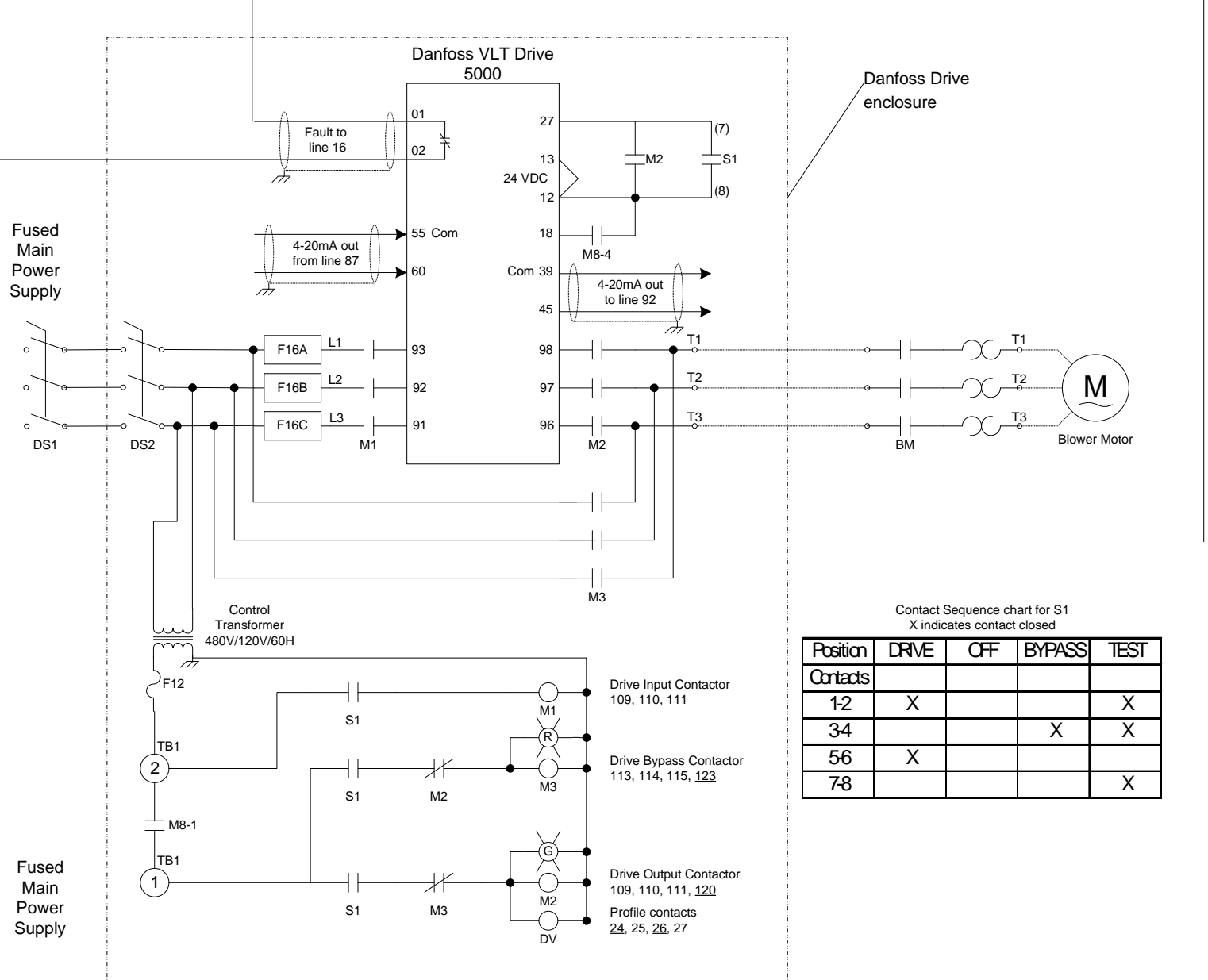
COMMUNICATION For Commissioning



OPTIONAL NXDBVSD Board



OPTIONAL Danfoss VSD

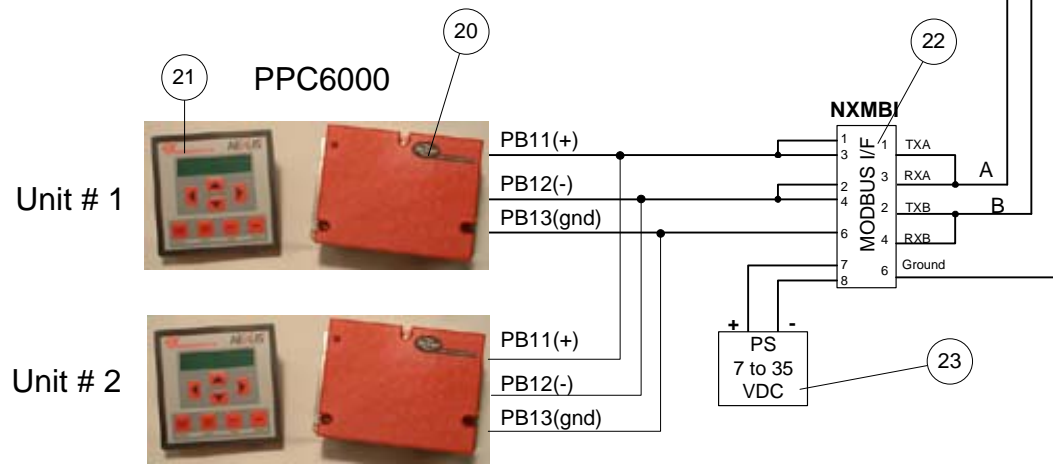
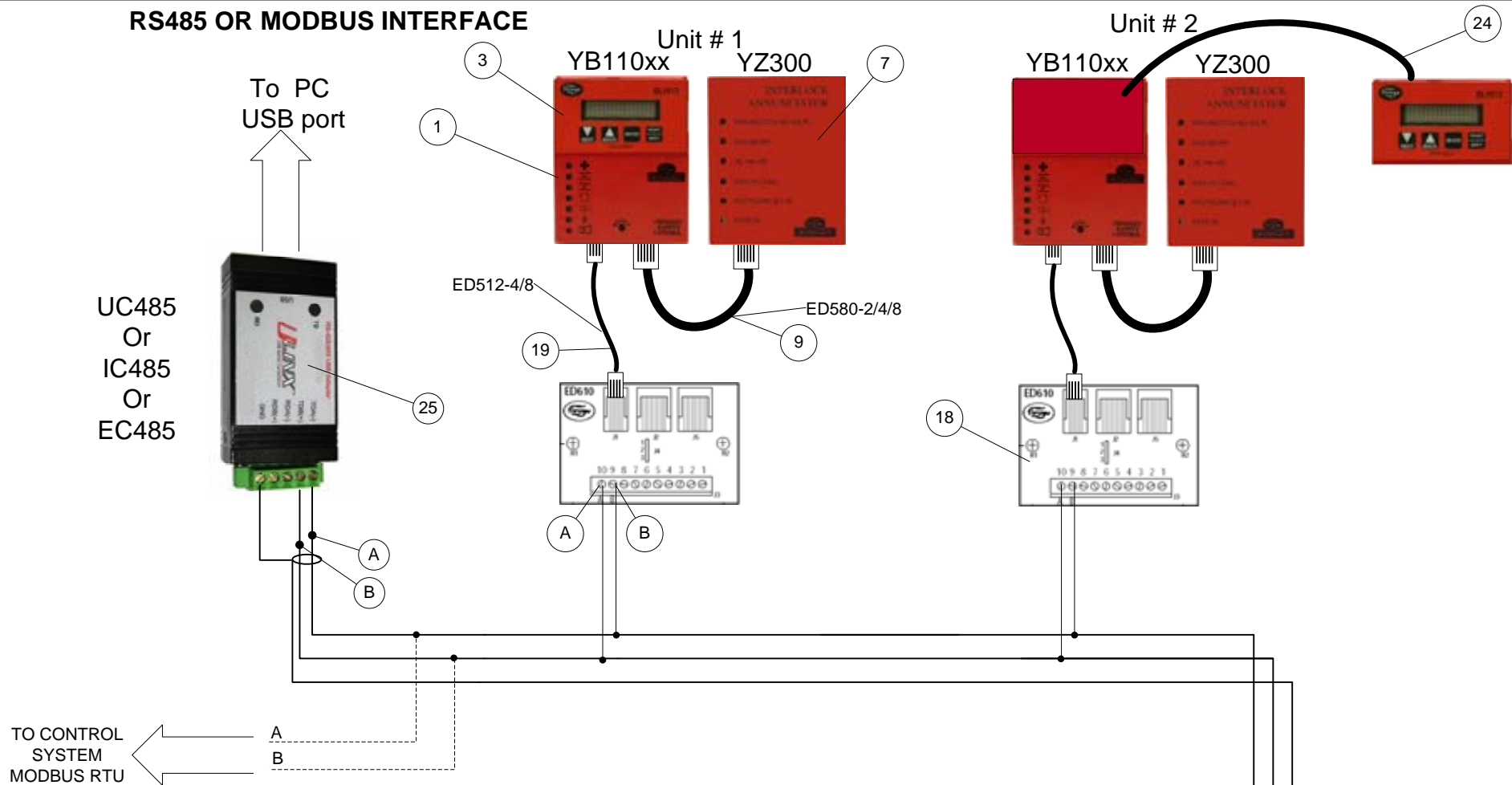


- PPC6000 Terminal
- ⊠ Terminal Block
- ◇ YZ300 Terminal Block
- ⊗ YB110 xxxx Terminal
- ⊞ NXcxx / NX6xx Terminal Block
- ⊠ Generic Terminal Block

Burner Logix, Expansion Module & PPC6000		DESCRIPTION Typical Schematic PPC6000/O ₂ Trim/VFD		
DRAWN	JC	SIZE	B	REV
ISSUED	3/7/08	FSCM NO		3
		SCALE	N/A	DWG NO
				JC11092007-1
			SHEET	2 OF 3

VFD Fault relay 16

RS485 OR MODBUS INTERFACE



ITEM	QTY.	PART NO.	DESCRIPTION
1	1	YB110UVSC	Chassis 120 VAC 50/60Hz w/ UV self-check amplifier
2	1	YP138	Programmer, Selectable parameters, 4 sec FFRT
3	1	BLV512	Keypad/ Display Vacuum Fluorescent Display (VFD) with Cable
4	1	129-178-4	Remote mounting kit for display 4 ft cable, NEMA 4 protection
5	1	60-2814-1	Open base with terminal block 4"W x7"H
6	1	45UV5-1009	UV Self-check scanner, 1"NPT 120 VAC shutter
7	1	YZ300	Interlock annunciator, provides first out annunciation
8	1	60-2874-1	YZ300 wiring base, terminal blocks, open end
9	1	ED580-2	Cable to connect YZ300 to YB110xx
10	1	PPC6000	Parallel Positioning Controller up to 10 CANbus outputs
11	1	NX610	CANbus display for PPC6000 w/ upload/download data & three relays
12	1	NXDBVSD	VSD interface daughter board w/ two VSD channels, 2 counter inputs, 2 relays
13	1	NXO2INT	CANbus O ₂ interface for Fireye Probe and Generic (4-20mA) probe inputs
14	1	NXO2PK4	O ₂ probe assembly include NXIAS CANbus ambient temperature sensor
15	1	NXIAS	Ambient Temperature sensor
16	4	NXC20	4 Wire CANbus Servo-motor 14.75ft lbs (20 Nm), 50/60Hz, 24 VAC
17	1	PXMS-200	Steam Pressure sensor 0-200PSI, (0-14Bar) 4-20mA output
18	2	ED610	Adaptor board for communication
19	2	ED512-4/8	Cable for communication 4 ft or 8 ft
20	1	PPC6000	Combustion control
21	1	NX610	Display for PPC6000
22	1	NXMBI	Modbus interface
23	1		Power supply for NXMBI
24	1	129-178-4/8	Remote display kit 4ft or 8 ft
25	1	UC485	RS485 to USB converter
26	1	NXC40	4 Wire CANbus Servo-motor 29.5 ft lbs (40 Nm), 50/60Hz, 24 VAC

REVISIONS

REV	DESCRIPTION	DATE	APPROVED
0	First issue for comments		JC
1	Add Call for Heat relay, line 21, contact CH-1 line 13, Add revisions and Bill of material list, add simultaneous firing contact line 15, correct Display number, correct O ₂ numbers, Line 16 remove contact from 59 to 60	01/04/08	JC
2	Add Modbus communication, Remote display on page 3	02/27/08	JC
3	Modify profile select line 24, 25, 26, 27. Remove oil & Gas relay line 38 & 45	3/7/08	JC

Burner Logix, Expansion Module & PPC6000		DESCRIPTION MODBUS Communication, Bill of Material, Revisions,		
DRAWN	JC	SIZE B	FSCM NO	DWG NO JC11092007-1
ISSUED	3/7/08	SCALE	N/A	REV 3
			SHEET	3 OF 3