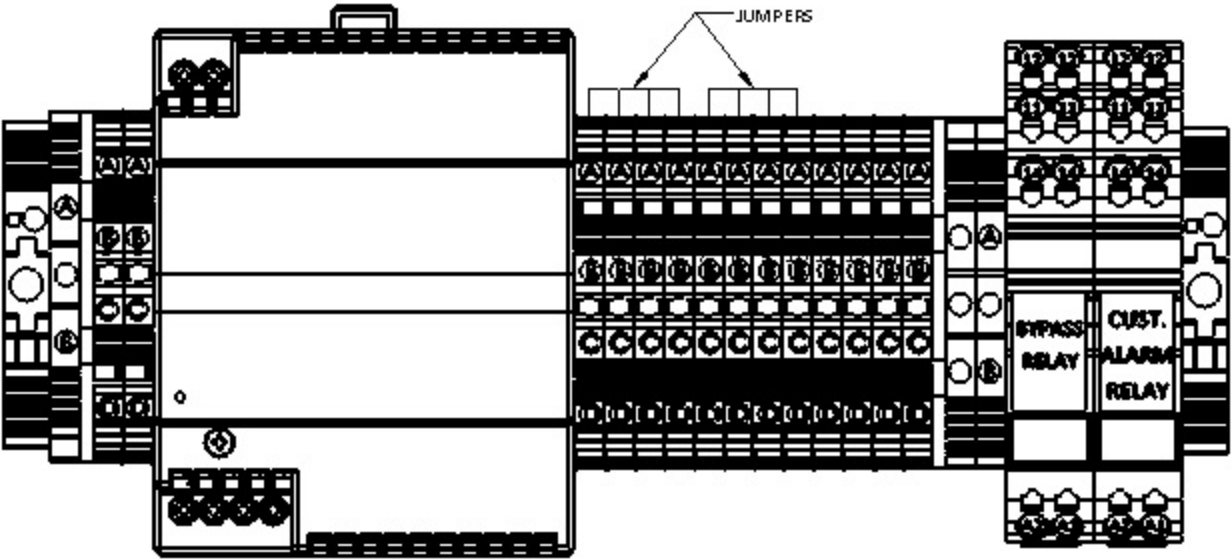
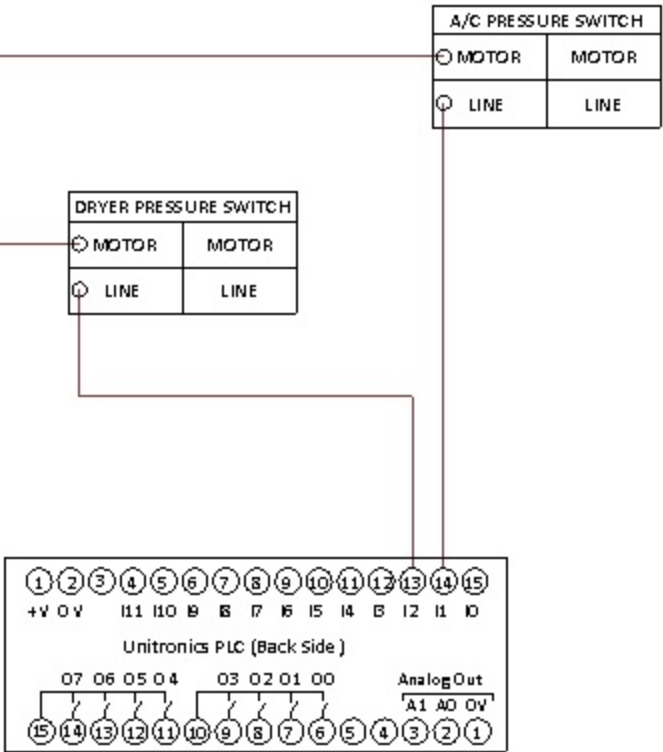


ES-TYP5P-A01, TYP5P, ELECTRICAL SCHEMATIC FOR EQUIPMENT ALARM - Rev. 1

24VDC OV

TB-5A

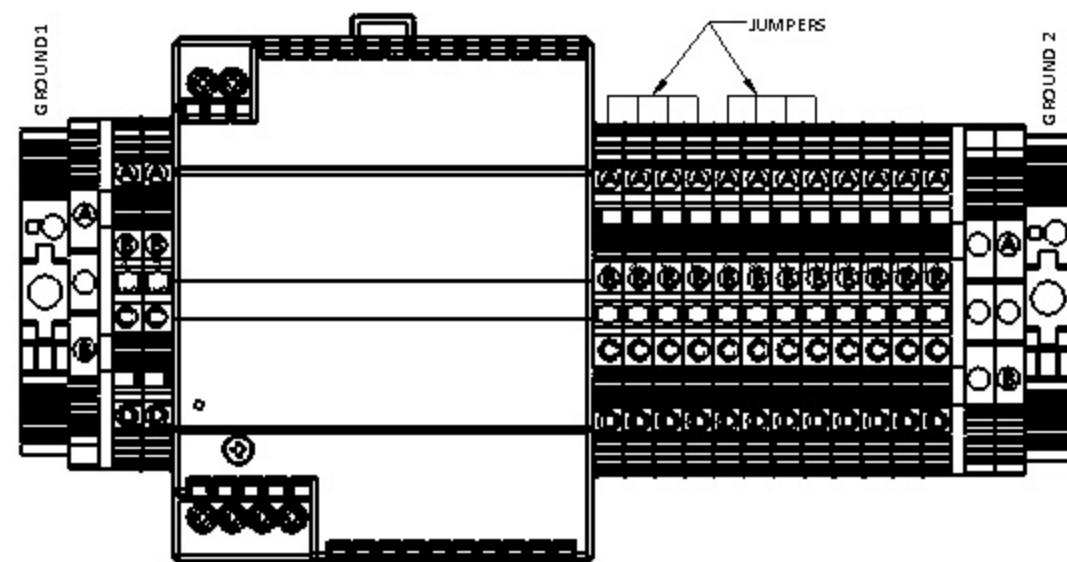
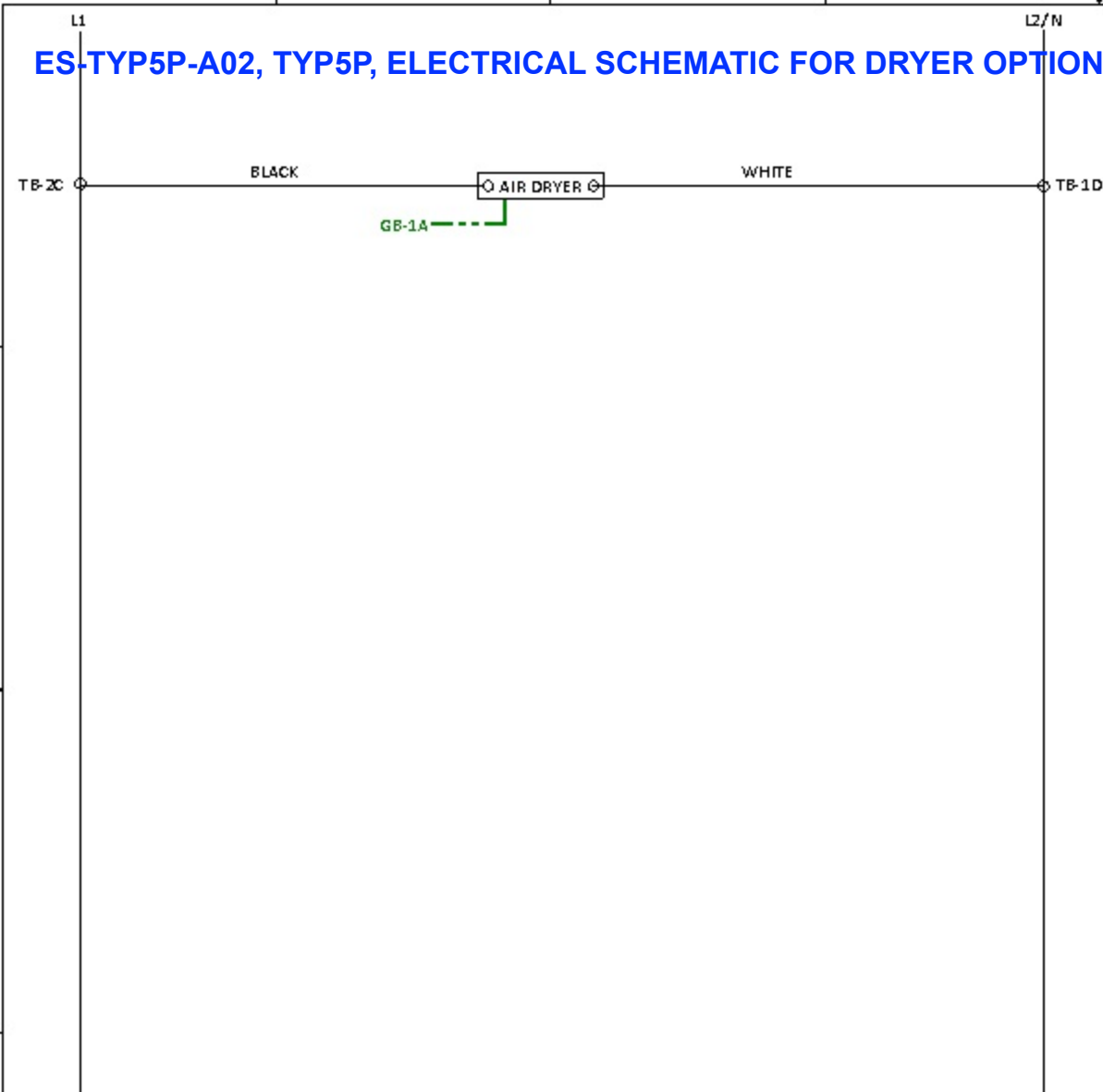
TB-5B



- GENERAL NOTES:
- (1) TERMINAL BLOCKS 1 AND 2 OPEN FACE LEFT, GROUND 1 OPEN FACE RIGHT.
 - (2) TERMINAL BLOCKS 3-13 OPEN FACE RIGHT, GROUND 2 OPEN FACE LEFT.

WIRING TABLE			
AWG	COLOR	SERVICE	FIELD / INTERNAL
16-18	BROWN	24 VDC +	INTERNAL
16-18	BLUE	OV	INTERNAL
16-22	GREY	SIGNAL	INTERNAL

ES-TYP5P-A02, TYP5P, ELECTRICAL SCHEMATIC FOR DRYER OPTION - Rev. 1



GENERAL NOTES:

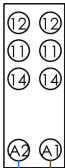
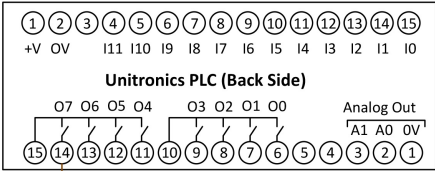
- (1) TERMINAL BLOCKS 1 AND 2 OPEN FACE LEFT, GROUND 1 OPEN FACE RIGHT.
- (2) TERMINAL BLOCKS 3-13 OPEN FACE RIGHT, GROUND 2 OPEN FACE LEFT.
- (3) FERRITE CORE NEEDS TO BE INSTALLED WITHIN 2" OF TERMINAL AND WRAPPED A MIN. OF 2X.
- (4) MUST ENSURE THAT CORD FOR 110/220VAC DRYER CIRCUIT SEPARATED FROM 24 VDC BY 3 INCHES, CROSS PERPENDICULAR WHEN NECESSARY.

Wiring Table			
AWG	COLOR	SERVICE	FIELD / INTERNAL
14	CUST. CHOICE	110/220 VAC	FIELD
14	BLACK	110/220 VAC - L1	INTERNAL
14	WHITE	110/220 VAC - L2/N	INTERNAL
14	GREEN	GROUND	FIELD/INTERNAL
16-18	BROWN	24 VDC +	INTERNAL
16-18	BLUE	0V	INTERNAL
16-22	GREY	SIGNAL	INTERNAL

ES-TYP5P-A03, TYP5P, ELECTRICAL SCHEMATIC FOR BLASTOFF - Rev. 1

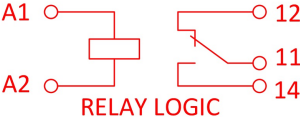
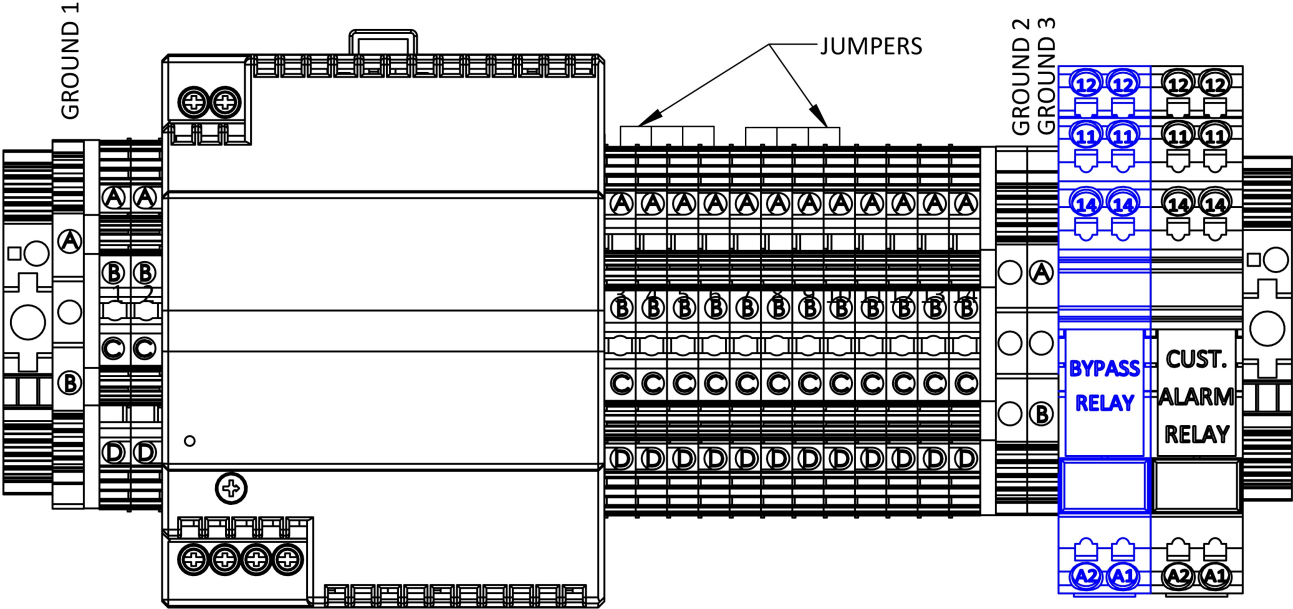
24 VDC

0V



SEE NOTE 4

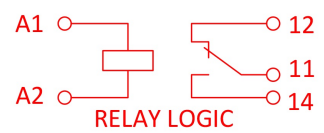
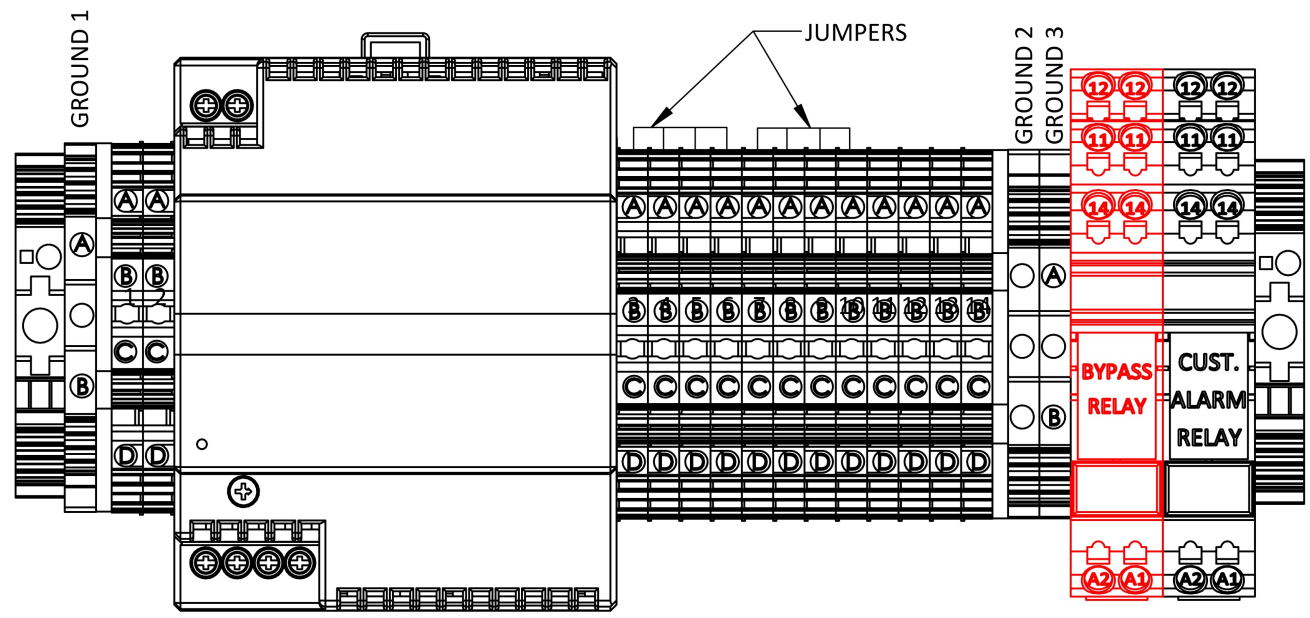
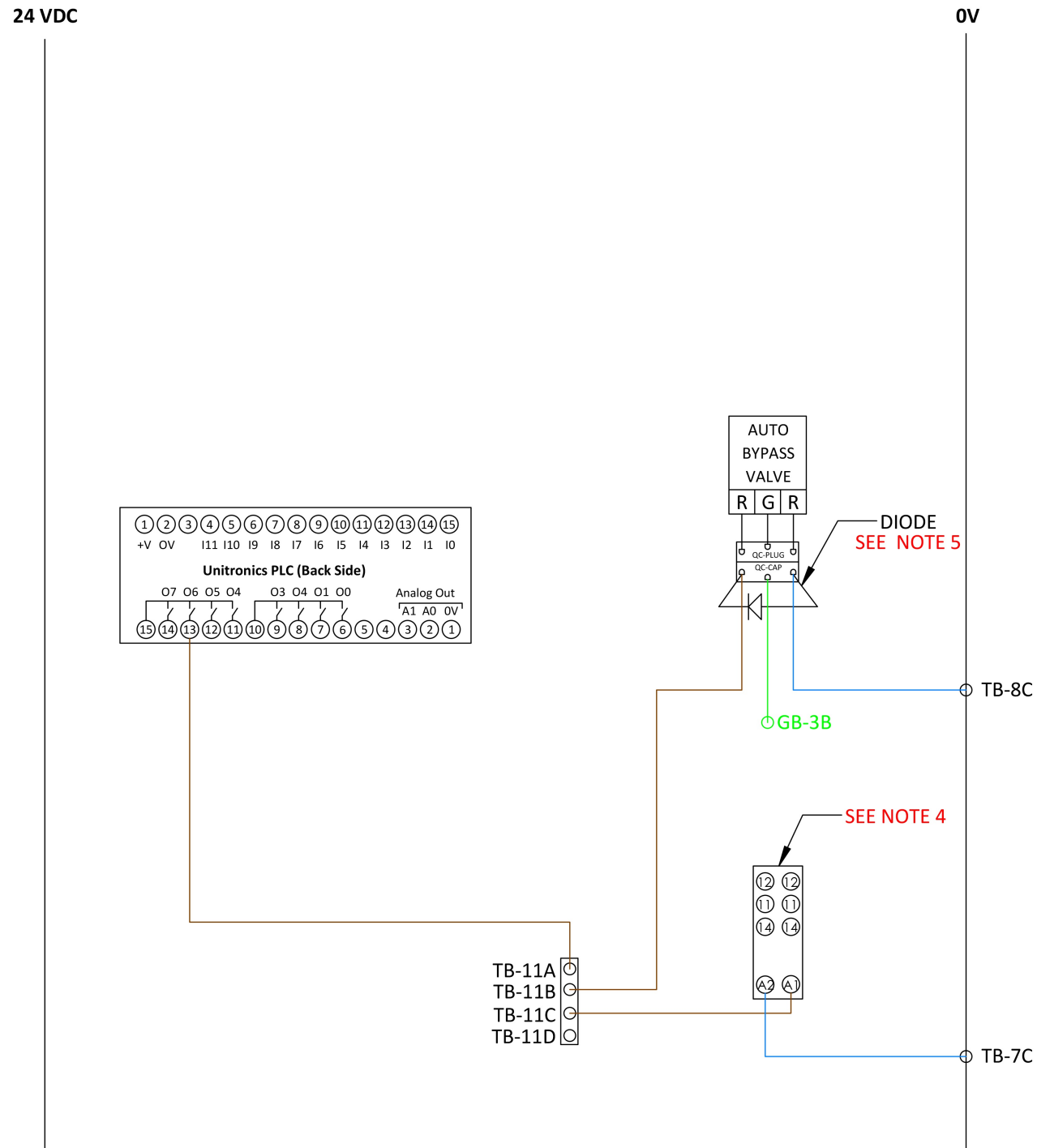
TB-8D



- GENERAL NOTES:
- (1) TERMINAL BLOCKS 1 AND 2 OPEN FACE LEFT, GROUND 1 OPEN FACE RIGHT.
 - (2) TERMINAL BLOCKS 3-13 OPEN FACE RIGHT, GROUND 2 OPEN FACE LEFT.
 - (3) FERRITE CORE NEEDS TO BE INSTALLED WITHIN 2" OF TERMINAL AND WRAPPED A MIN. OF 2X.
 - (4) IF ALARM IS ACTIVE 11-14 WILL BE CLOSED AND 11-12 WILL BE OPEN.

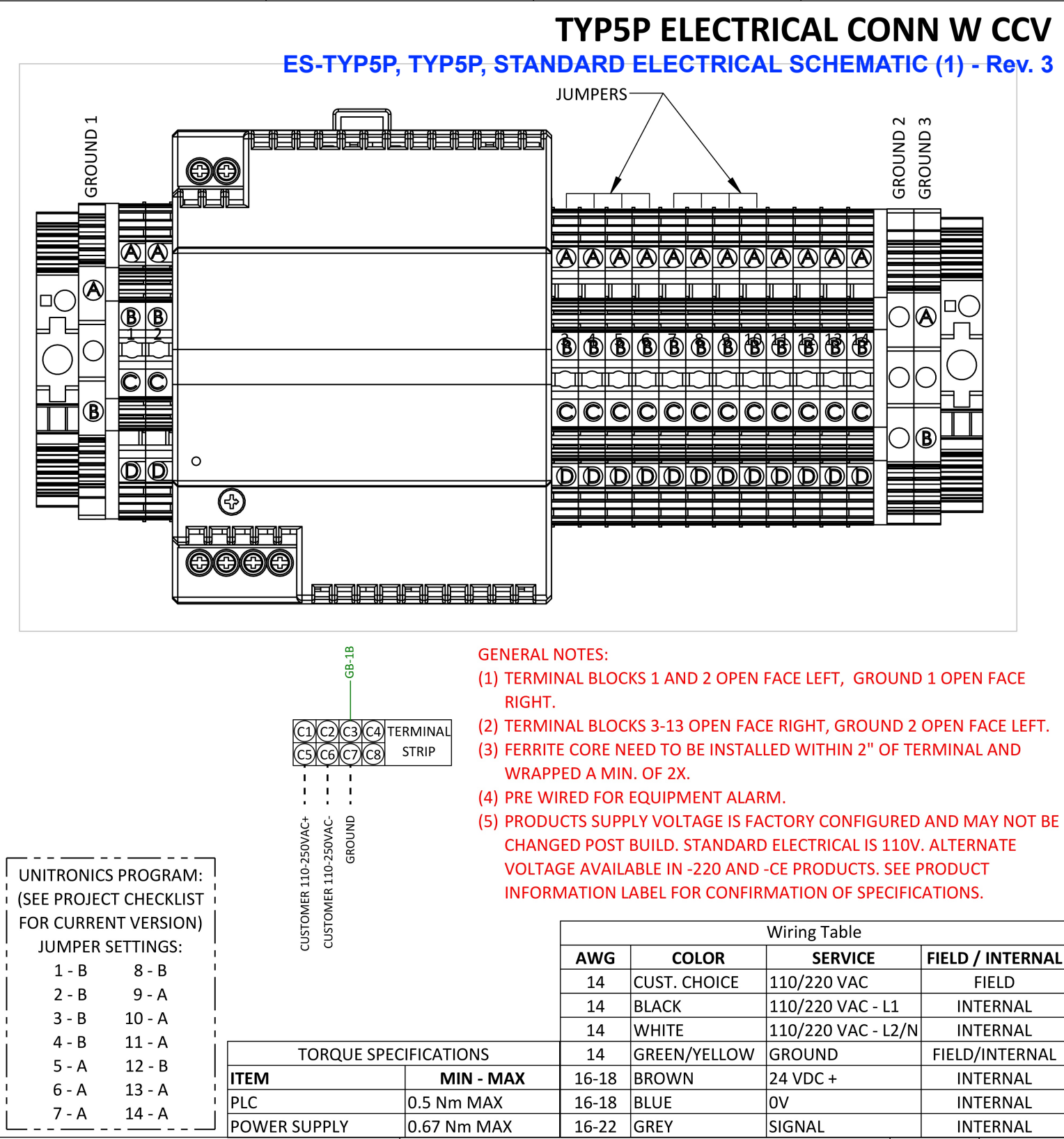
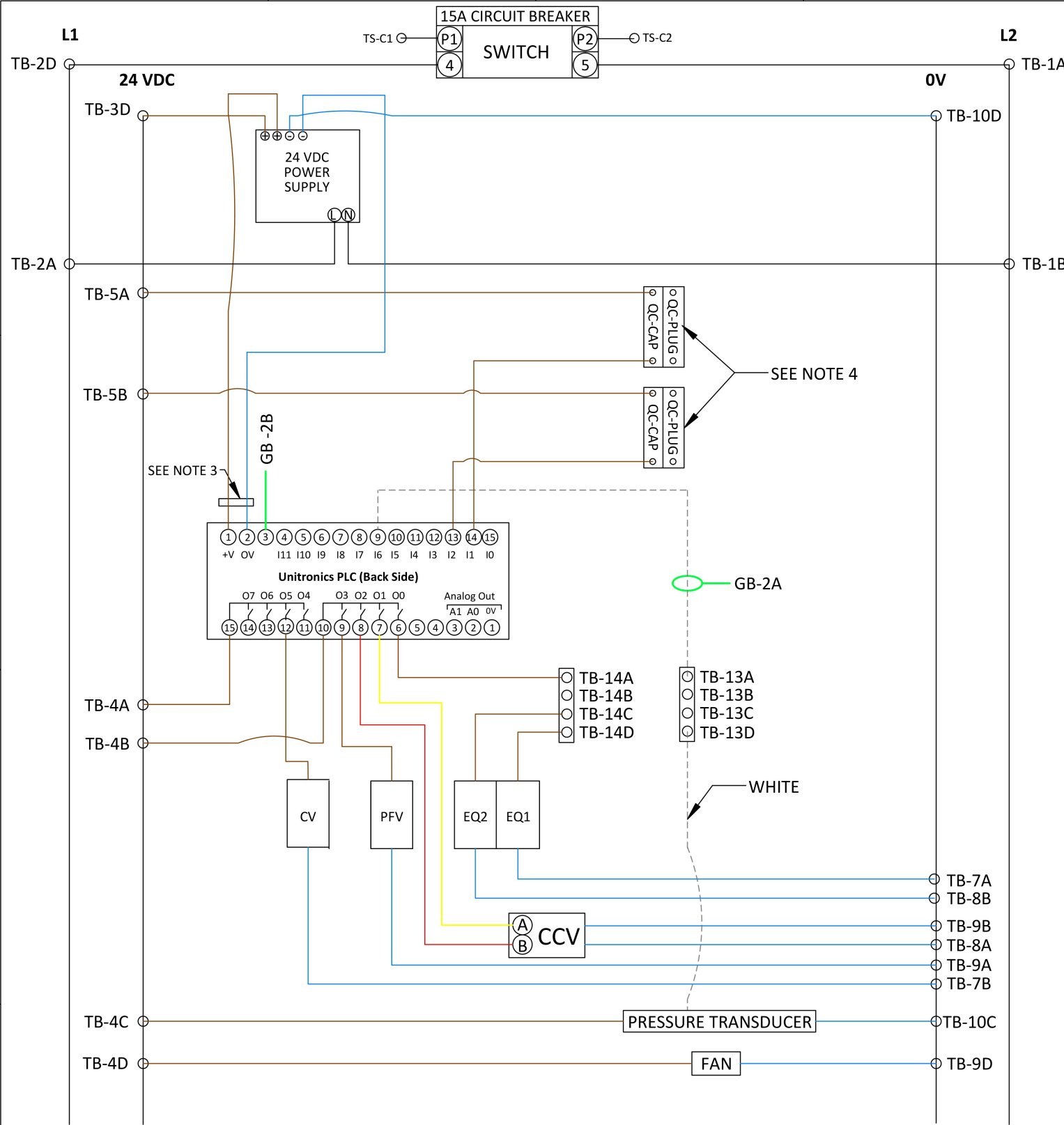
WIRING TABLE			
AWG	COLOR	SERVICE	FIELD / INTERNAL
16-18	BROWN	24 VDC +	INTERNAL
16-18	BLUE	0V	INTERNAL
16-22	GREY	SIGNAL	INTERNAL

ES-TYP5P-A04, TYP5P, ELECTRICAL SCHEMATIC FOR AUTO BYPASS - Rev. 2



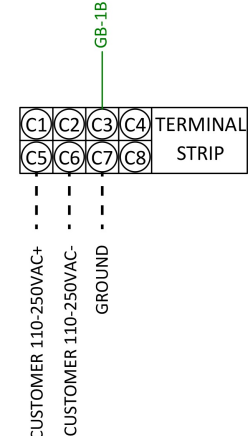
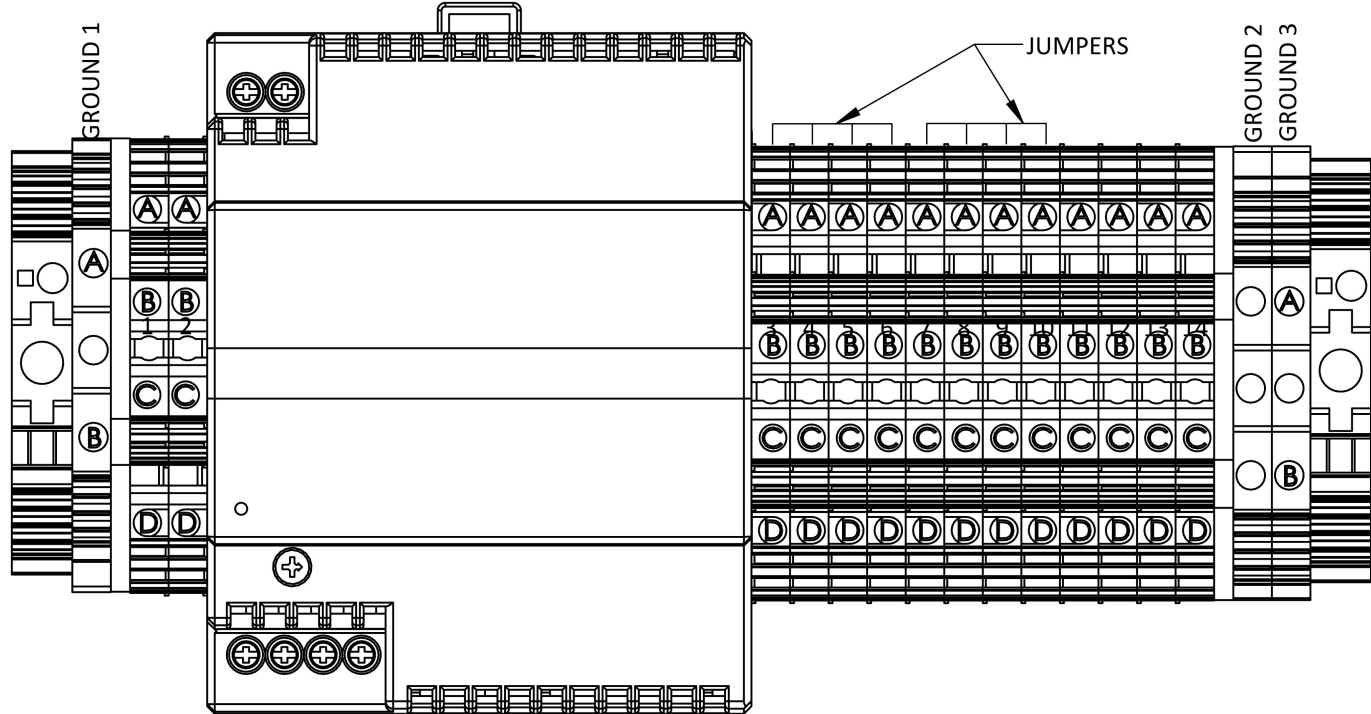
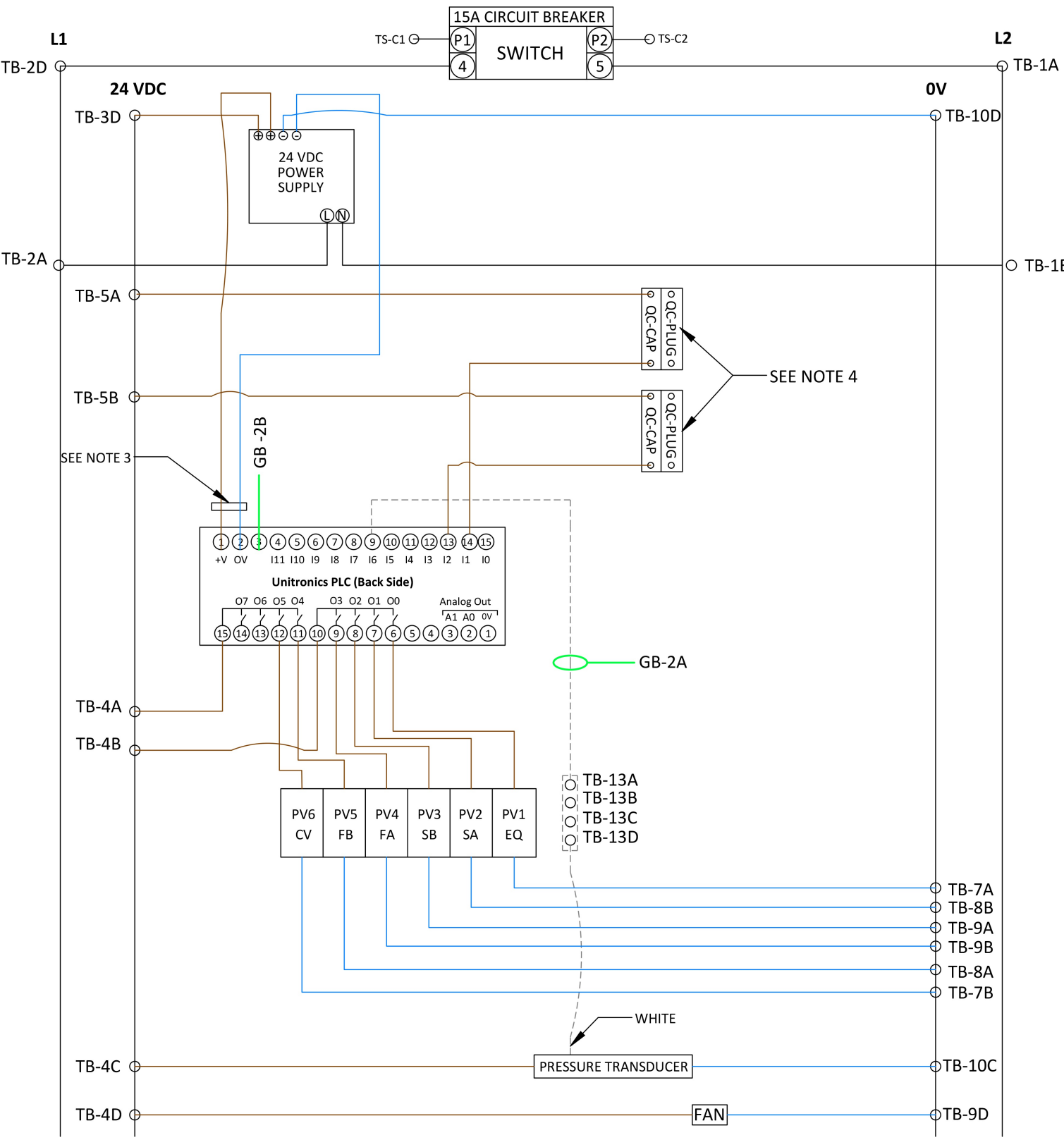
- GENERAL NOTES:
- (1) TERMINAL BLOCKS 1 AND 2 OPEN FACE LEFT, GROUND 1 OPEN FACE RIGHT.
 - (2) TERMINAL BLOCKS 3-13 OPEN FACE RIGHT, GROUND 2 OPEN FACE LEFT.
 - (3) FERRITE CORE NEEDS TO BE INSTALLED WITHIN 2" OF TERMINAL AND WRAPPED A MIN. OF 2X.
 - (4) IF ALARM IS ACTIVE 11-14 WILL BE CLOSED AND 11-12 WILL BE OPEN.
 - (5) THE DIODE SHOULD BE CONNECTED AS NEAR TO THE SOLENOID AS POSSIBLE. THE CATHODE (STRIPED SIDE OF THE DIODE) SHOULD FACE THE HIGHER VOLTAGE END OF THE SOLENOID (24V).

WIRING TABLE			
AWG	COLOR	SERVICE	FIELD / INTERNAL
16-18	BROWN	24 VDC +	INTERNAL
16-18	BLUE	0V	INTERNAL
14-16	GREEN	GROUND	INTERNAL
16-22	GREY	SIGNAL	INTERNAL



TYP5P ELECTRICAL CONNECTIONS

ES-TYP5P, TYP5P, STANDARD ELECTRICAL SCHEMATIC (2) - Rev. 3



- GENERAL NOTES:
- (1) TERMINAL BLOCKS 1 AND 2 OPEN FACE LEFT, GROUND 1 OPEN FACE RIGHT.
 - (2) TERMINAL BLOCKS 3-13 OPEN FACE RIGHT, GROUND 2 OPEN FACE LEFT.
 - (3) FERRITE CORE NEED TO BE INSTALLED WITHIN 2" OF TERMINAL AND WRAPPED A MIN. OF 2X.
 - (4) PRE WIRED FOR EQUIPMENT ALARM.
 - (5) PRODUCTS SUPPLY VOLTAGE IS FACTORY CONFIGURED AND MAY NOT BE CHANGED POST BUILD. STANDARD ELECTRICAL IS 110V. ALTERNATE VOLTAGE AVAILABLE IN -220 AND -CE PRODUCTS. SEE PRODUCT INFORMATION LABEL FOR CONFIRMATION OF SPECIFICATIONS.

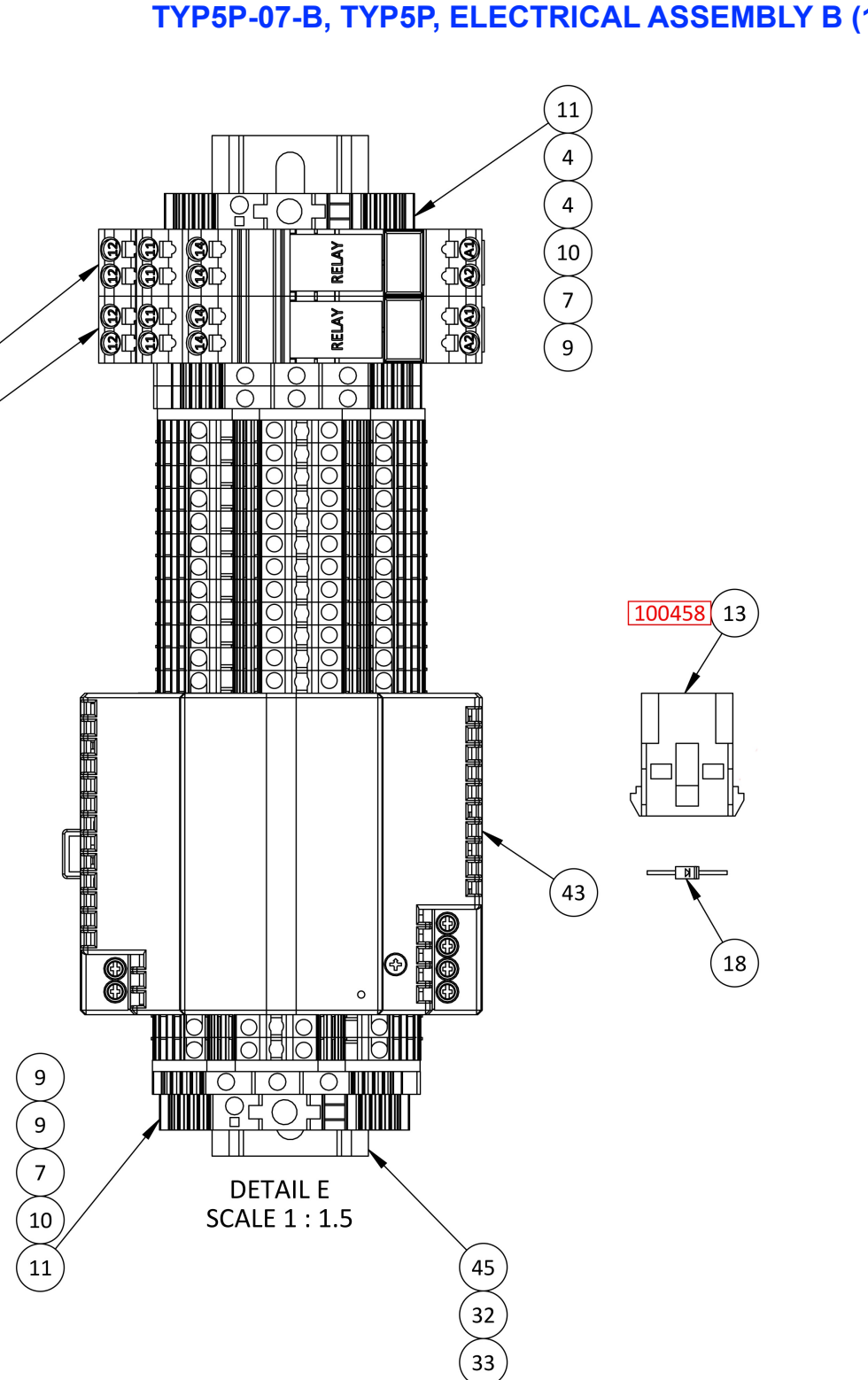
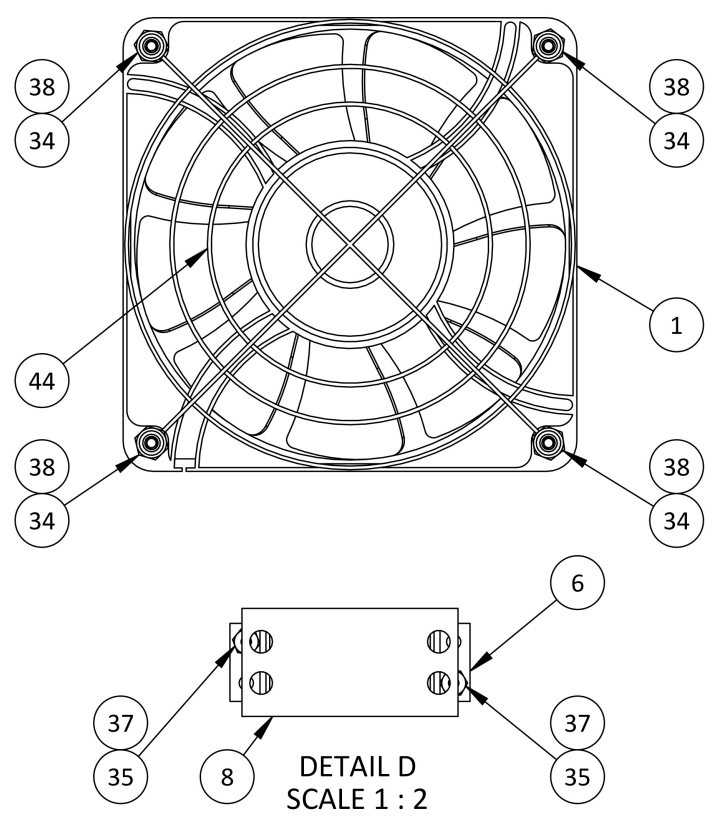
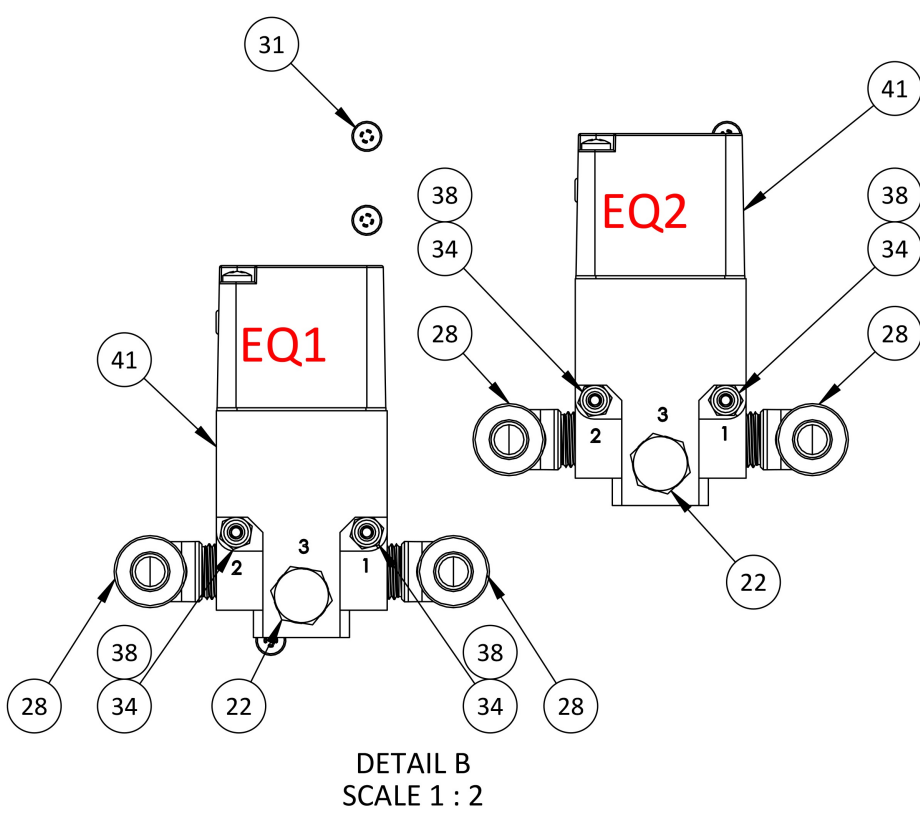
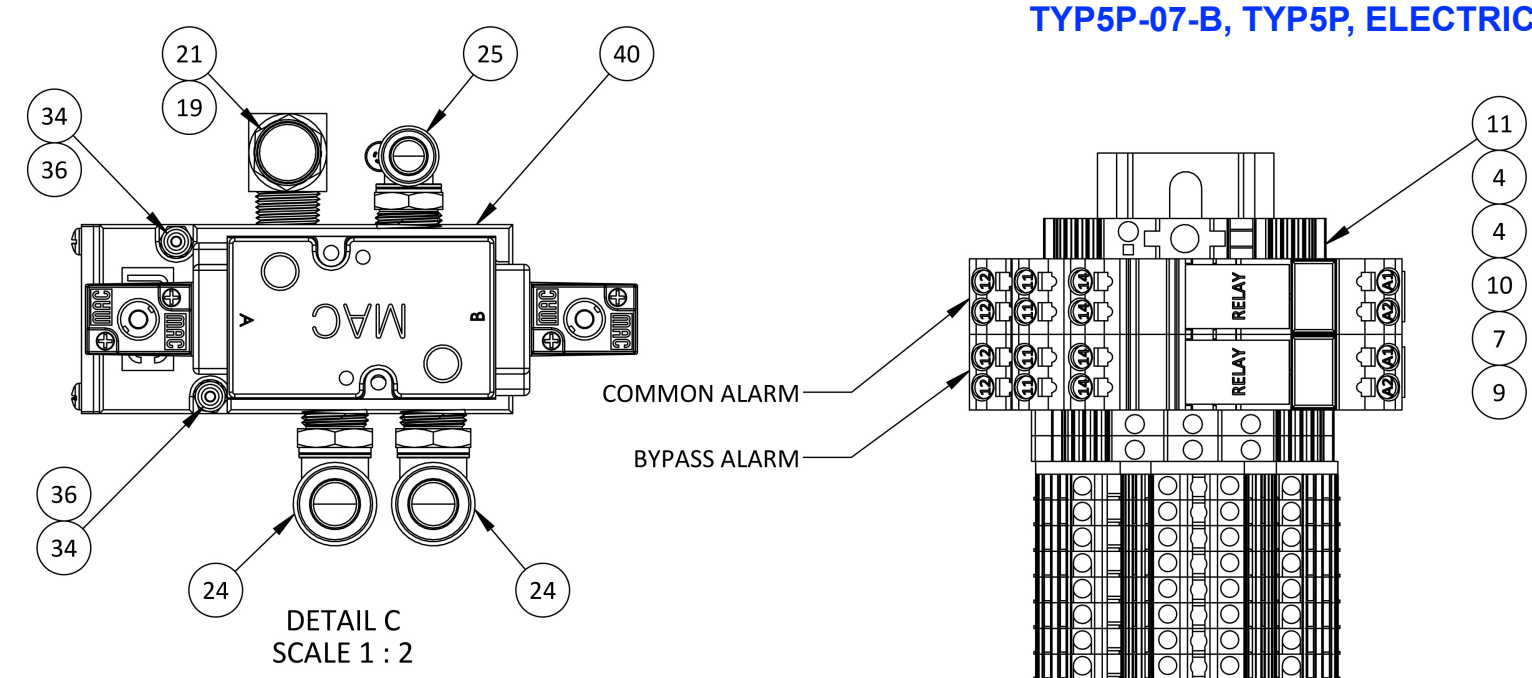
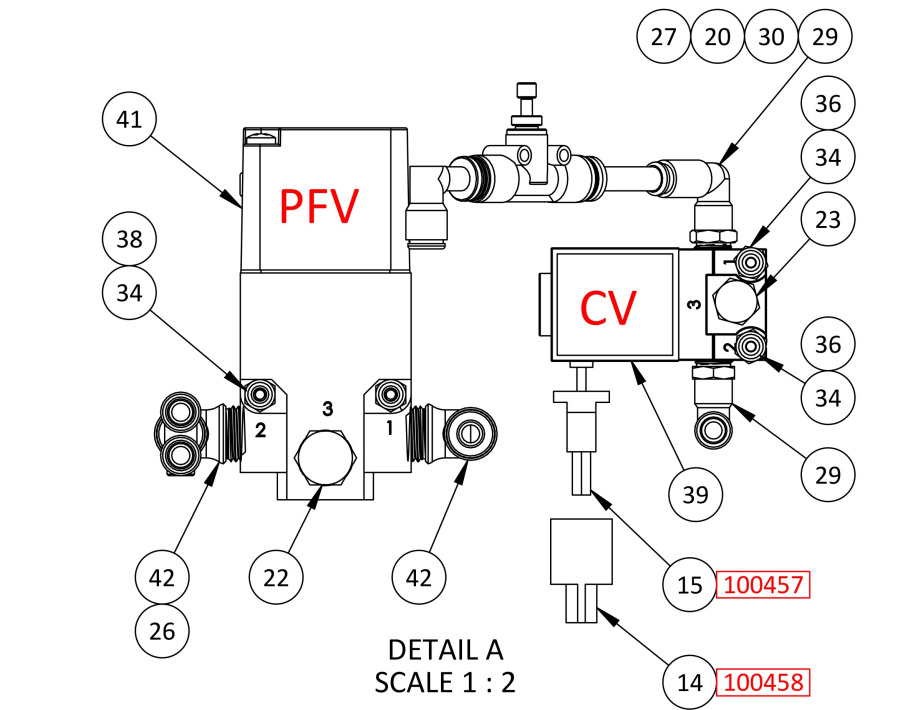
UNITRONICS PROGRAM:
(SEE PROJECT CHECKLIST
FOR CURRENT VERSION)

JUMPER SETTINGS:

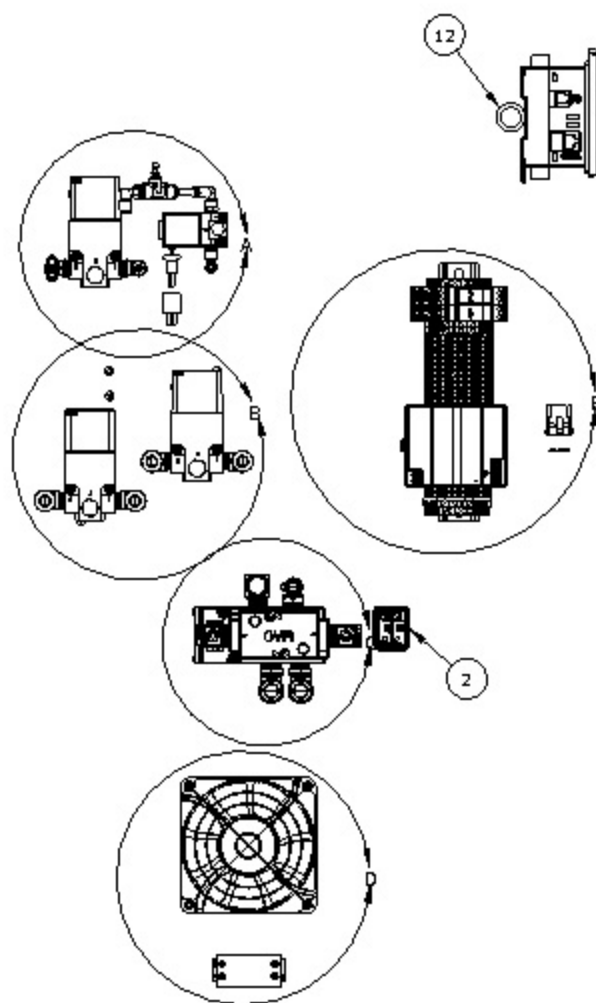
1 - B	8 - B
2 - B	9 - A
3 - B	10 - A
4 - B	11 - A
5 - A	12 - B
6 - A	13 - A
7 - A	14 - A

TORQUE SPECIFICATIONS	
ITEM	MIN - MAX
PLC	0.5 Nm MAX
POWER SUPPLY	0.67 Nm MAX

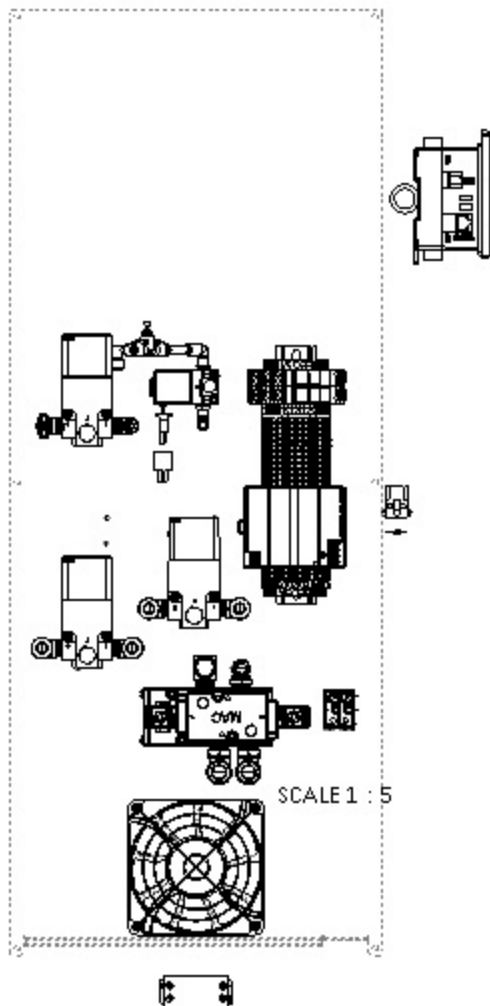
Wiring Table			
AWG	COLOR	SERVICE	FIELD / INTERNAL
14	CUST. CHOICE	110/220 VAC	FIELD
14	BLACK	110/220 VAC - L1	INTERNAL
14	WHITE	110/220 VAC - L2/N	INTERNAL
14	GREEN/YELLOW	GROUND	FIELD/INTERNAL
16-18	BROWN	24 VDC +	INTERNAL
16-18	BLUE	0V	INTERNAL
16-22	GREY	SIGNAL	INTERNAL



TYP5P-07-B, TYP5P, ELECTRICAL ASSEMBLY B (2)



INSTALL IN FRONT RIGHT DOOR PANEL



ITEM #	QTY	DESCRIPTION	UNIT
1	100041	COOLING FAN, 103 CFM, 24VDC	1
2	100143	CIRCUIT BREAKER, 15A, DPDT, W/COIL	1
3	100224	PROGRAMMABLE LOGIC CONTROLLER	1
4	100337	WAGO RFLAY, 24VDC	2
5	100375	3P CABLE	1
6	100379	4 POS. MINITERMIAL BLOCK	1
7	100381	DIN MOUNT TERMINAL BLOCK 14 POS	2
8	100383	MINI TERMINAL BLOCK COUPLER	1
9	100392	TERMINAL BLOCK, 4 POS 26-12AWG	14
10	100397	GROUND BLOCK, DIN RAIL MOUNT	5
11	100401	SHUT OFF TERMINAL BLOCK 4 POS BRACKET, POLYIMIDE	2
12	100446	TERMINAL BLOCK, 4 POS 14-16 AWG, POWER WIRING	1
13	100452	5 PIN CABLE	1
14	100455	2 PIN CABLE, 44NTERIAL MOUNT LOC	1
15	100456	2 PIN FLOW, 44NTERIAL MOUNT LOC	1
16	100457	MULTI 44NTERIAL PIN, 20-18 AWG, PRE-INSULATED BRASS	2
17	100458	TERMINAL 44NTERIAL BLOCK	3
18	100464	140004 DIOPT, 1A, 400V	1
19	101297	0.575 NPI 318PPI FLOW, BRASS	1
20	101464	0.230 OD PFC FLOW COUPLER	1
21	101520	0.575 NPI COMPACT HIGH FLOW MOUNT, 318PPI	1
22	101905	0.230 NPI FLOW, BRASS	5
23	101905	0.125 NPI HIF FLOW, BRASS	1
24	102049	0.575 NPI F 0.300 OD PFC SWINFL FLOW	2
25	102051	0.575 NPI F 0.575 OD PFC FLOW	1
26	102054	0.230 OD 318 WYF	1
27	102055	0.230 318 F 0.230 OD PFC FLOW	1
28	102064	0.230 NPI F 0.575 OD PFC FLOW	4
29	102075	0.125 NPI F 0.230 OD PFC SWINFL FLOW	2
30	102092	0.230 318 44NTERIAL, MFLAL	1
31	102370	0.125' PUS-HIN MFLAL FLOW	3
32	102602	AD LEXI WASHING, 24VDC	2
33	102602	0-52 VDC 401	2
34	102603	0-52 VDC 401	14
35	102601	4-40 HIF 401	2
36	102791	0-52 F 0.230 PFMWS	4
37	102792	4-40 F 0.300 PFMWS	2
38	102794	0-52 F 0.275' PFMWS	10
39	105237	0.125' NPI S-WAY 30 LPHOID VALVE, 24VDC	1
40	105263	0.575' NPI CHNIFR CLOSID 30 LPHOID VALVE, 24VDC	1
41	105270	0.230' S-WAY 30 LPHOID VALVE, 24VDC/110VAC	5
42	105917	0.230 NPI F 0.230 OD PFC SWINFL FLOW	2
43	111249	PWRSUPPLY, 100-240, 24V, 100W	1
44	100059	SUPPLIAN GUARD 10X4.69' 1X4	1
45	999799	DIN RAIL, PFAHCH	2

GENERAL NOTES:

(1) LEAVE 32' FLYING LEAD OF SHIELDED SIGNAL WIRE FOR MO 2 OPTION.