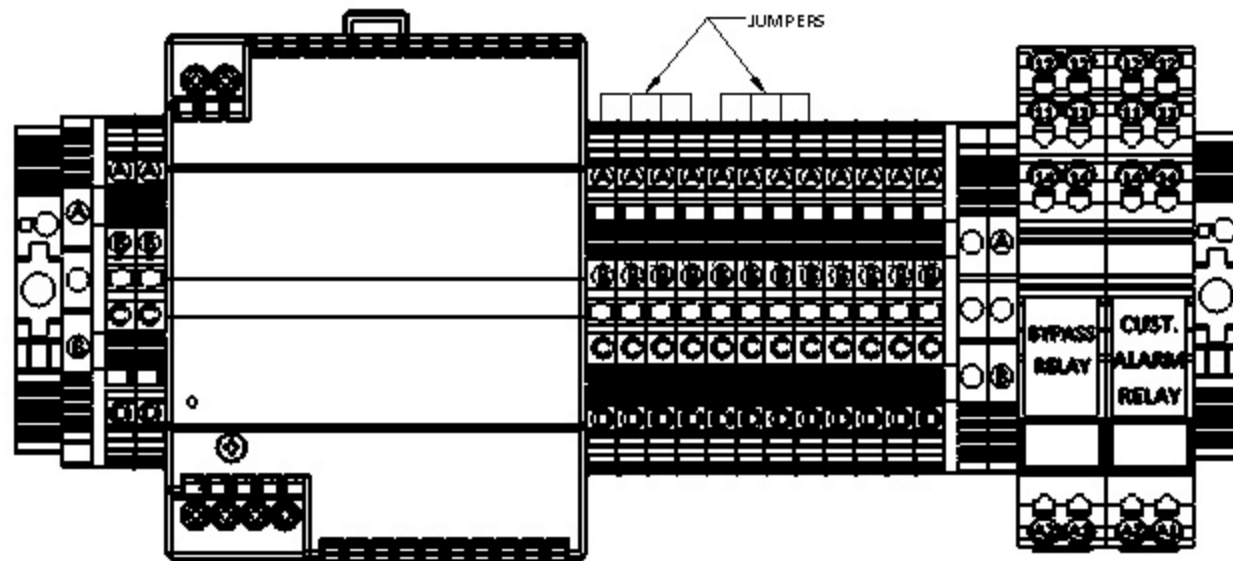
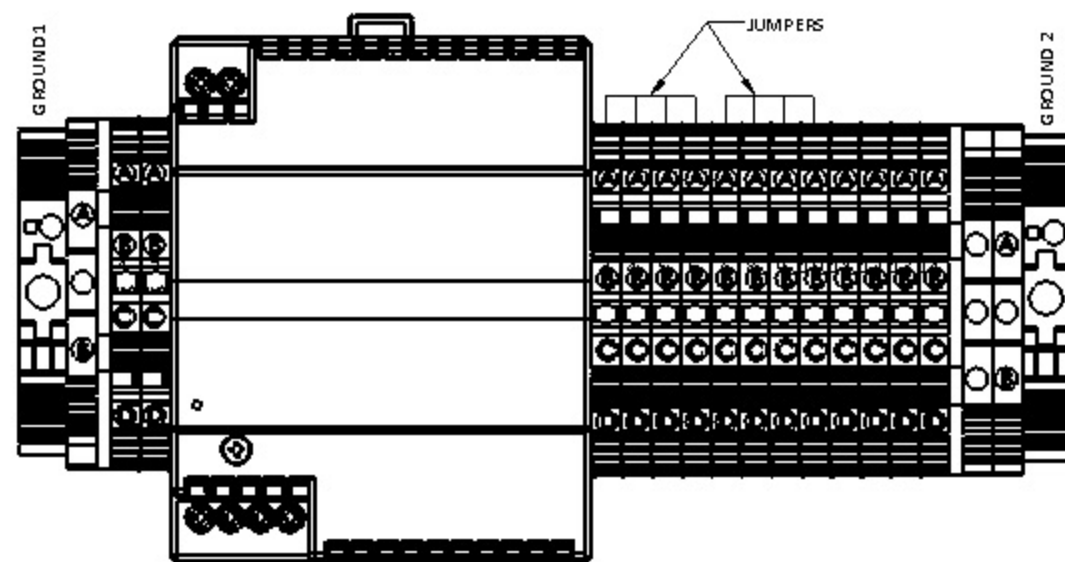
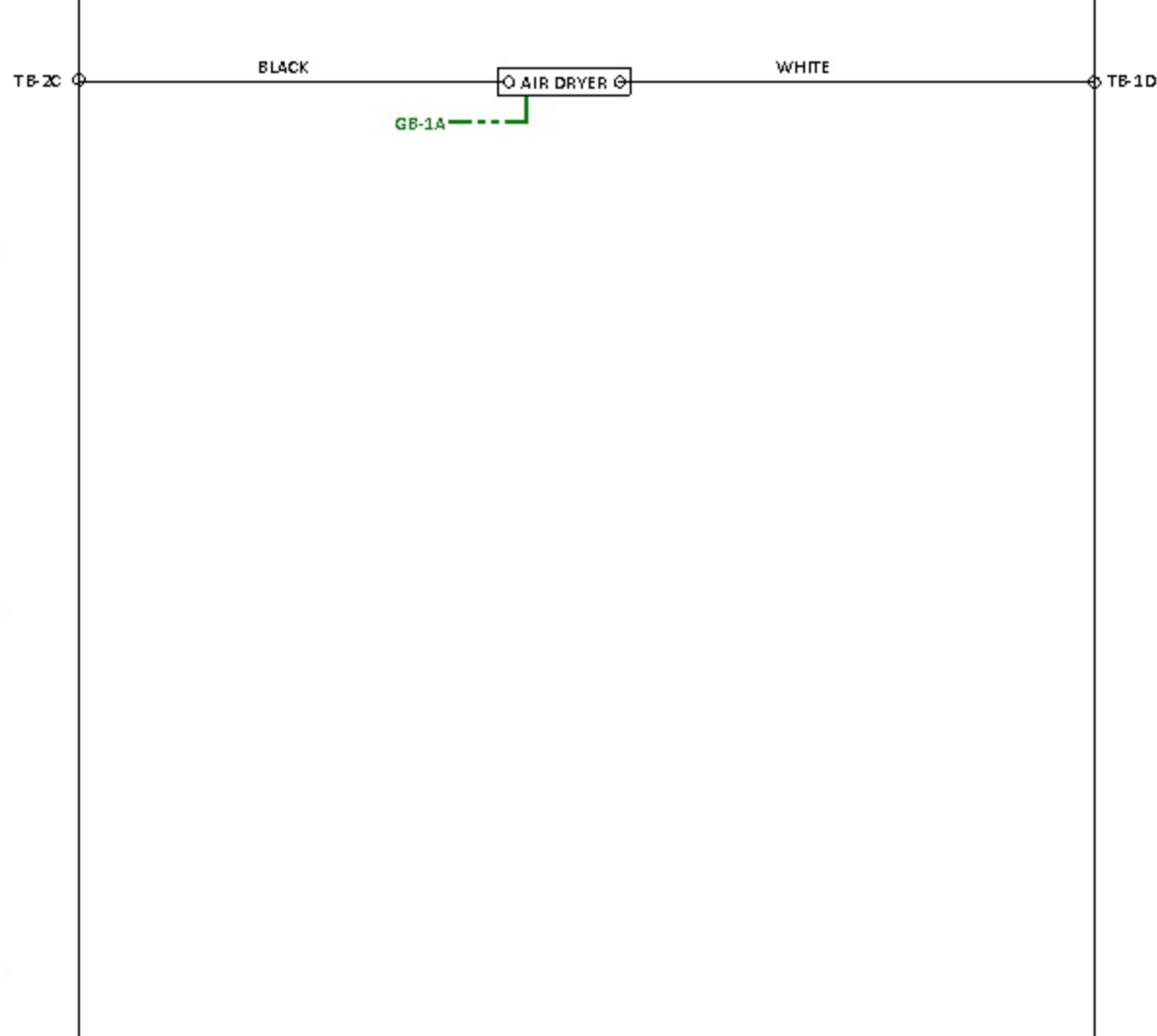


[illegible]

- (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	0V	INTERNAL
16-22	GREY	SIGNAL	INTERNAL

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



GENERAL NOTES:

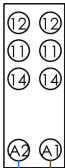
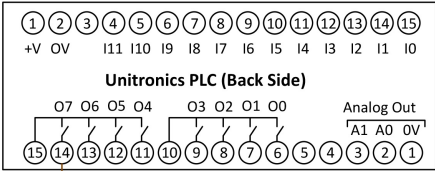
- (1) TERMINAL BLOCKS 1 AND 2 OPEN FACE LEFT, GROUND 1 OPEN FACE RIGHT.
- (2) TERMINAL BLOCKS 3-13 OPEN FACE RIGHT, GROUND 2 OPEN FACE LEFT.
- (3) FERRITE CORE NEEDS TO BE INSTALLED WITHIN 2" OF TERMINAL AND WRAPPED A MIN. OF 2X.
- (4) MUST ENSURE THAT CORD FOR 110/220VAC DRYER CIRCUIT SEPARATED FROM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

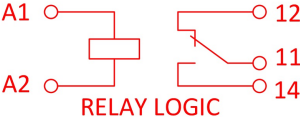
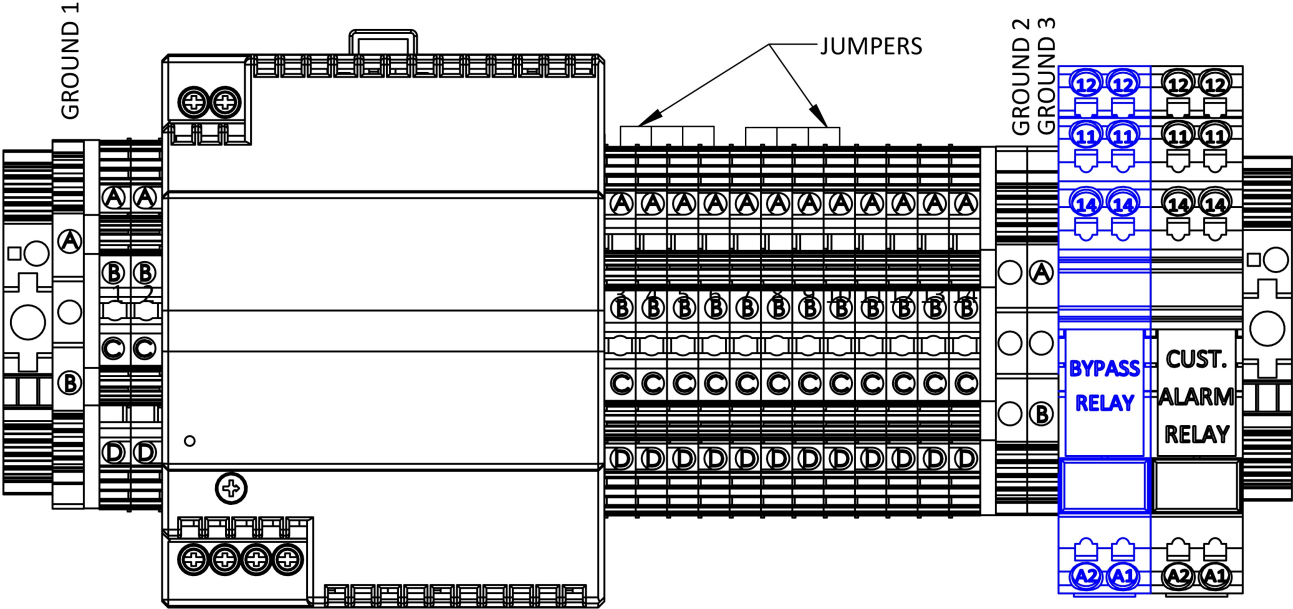
24 VDC

0V



SEE NOTE 4

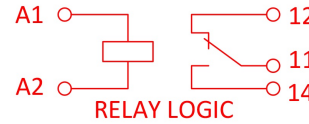
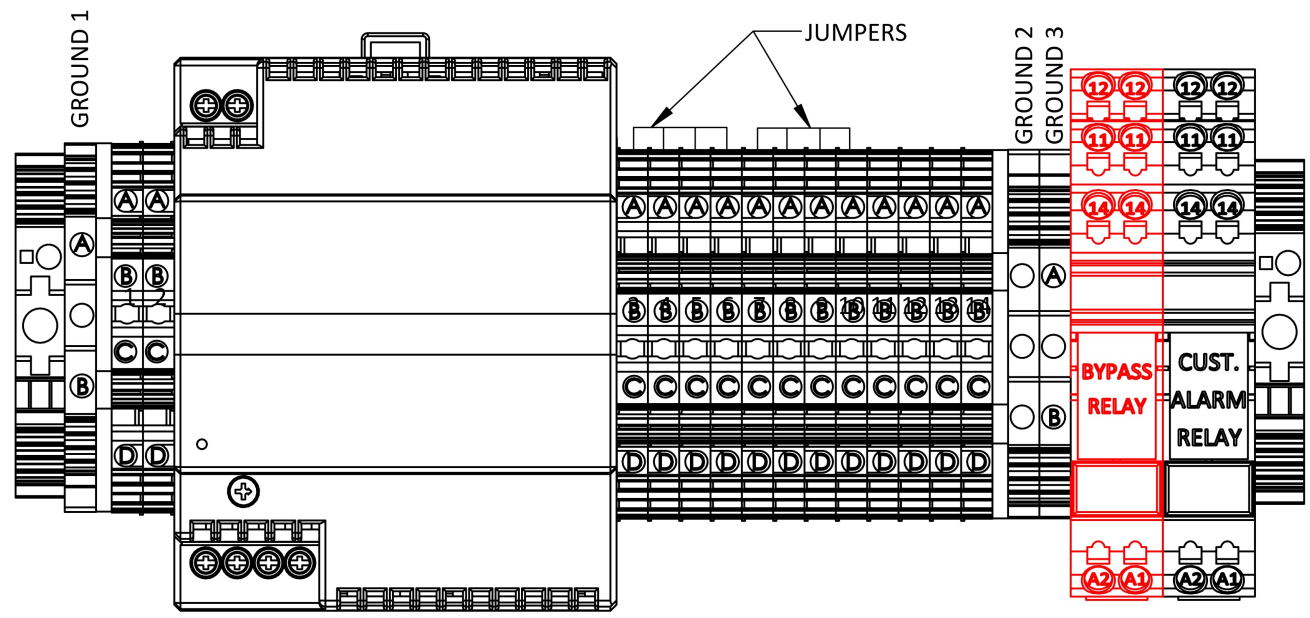
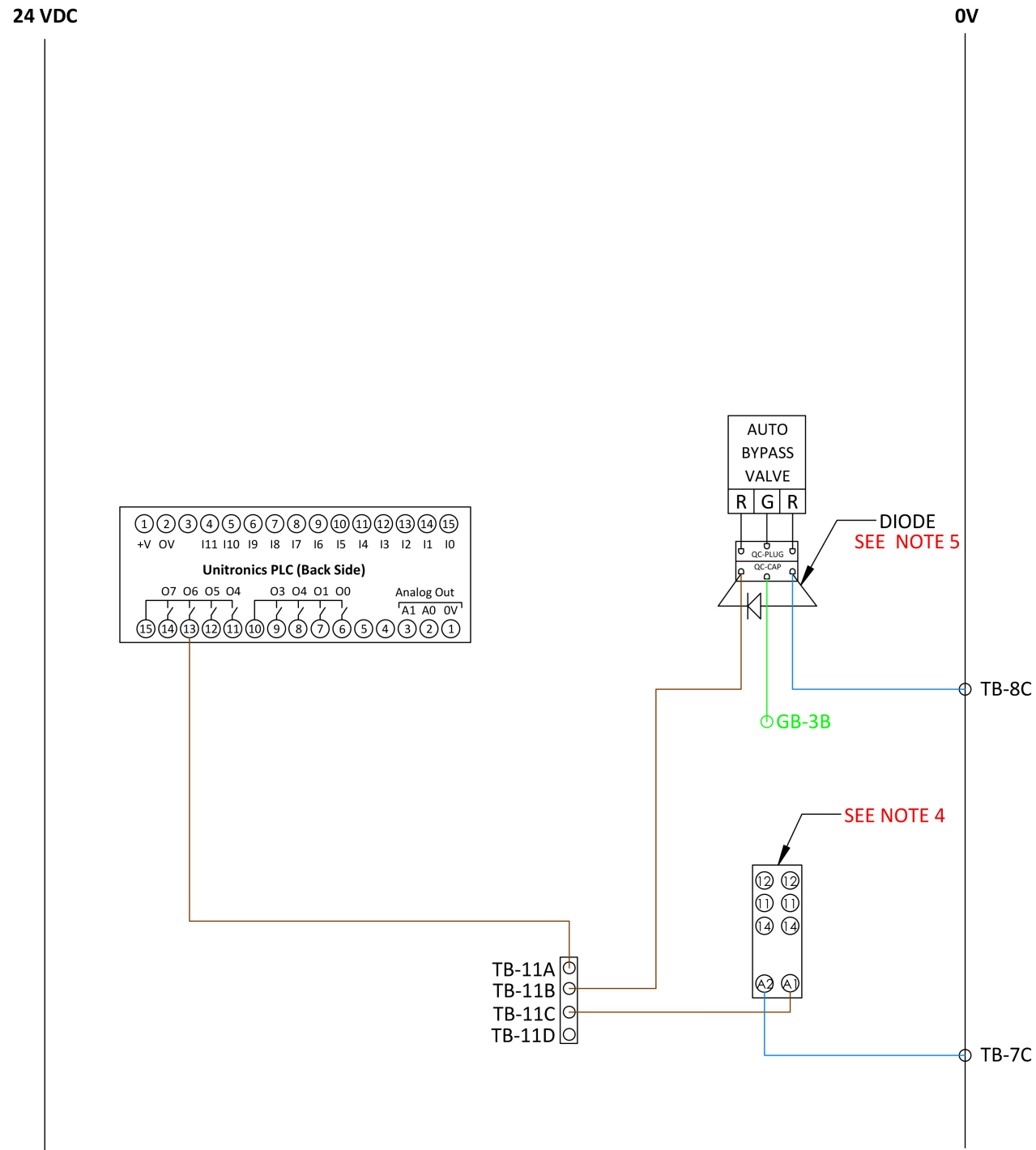
TB-8D



- 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.

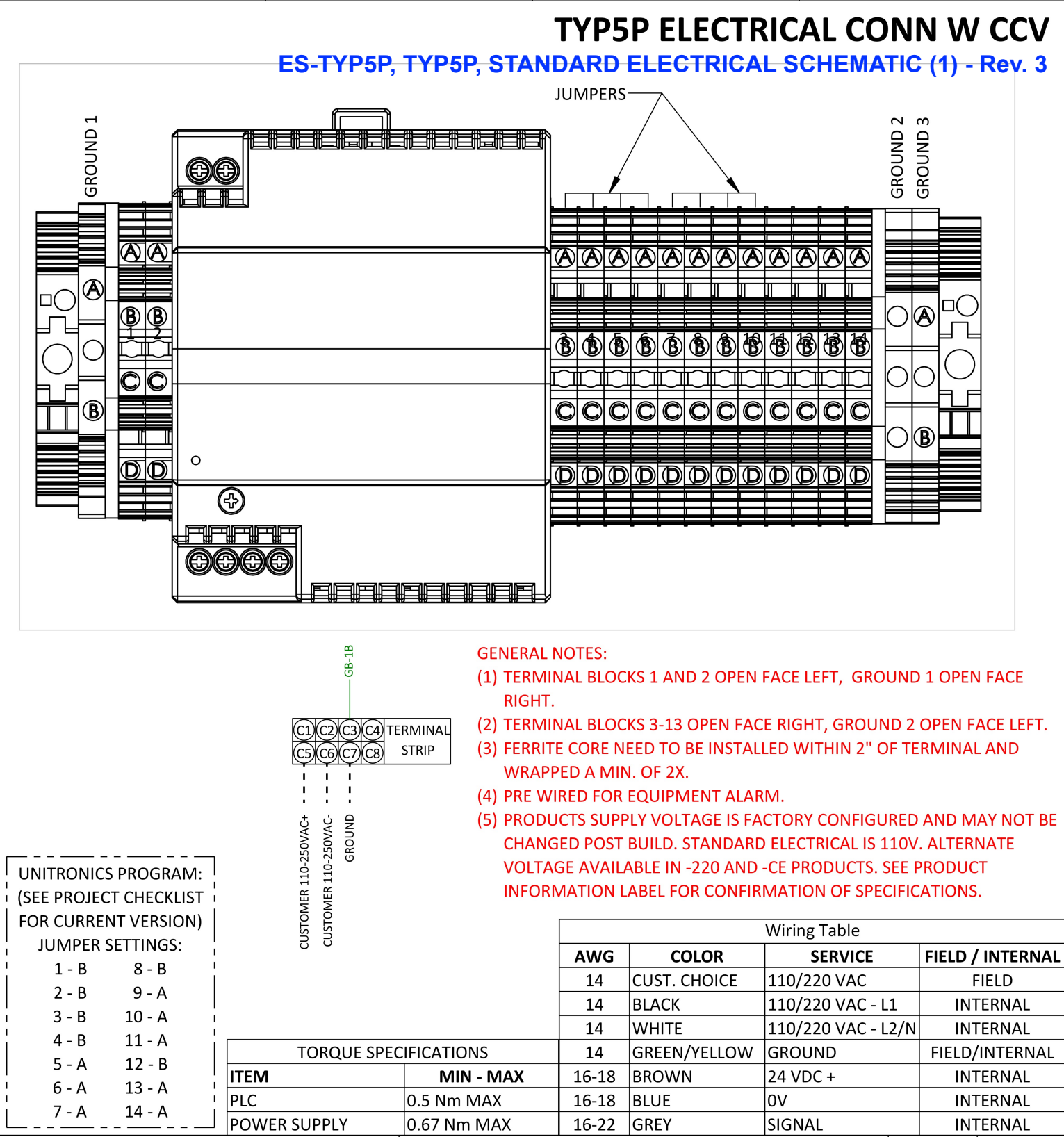
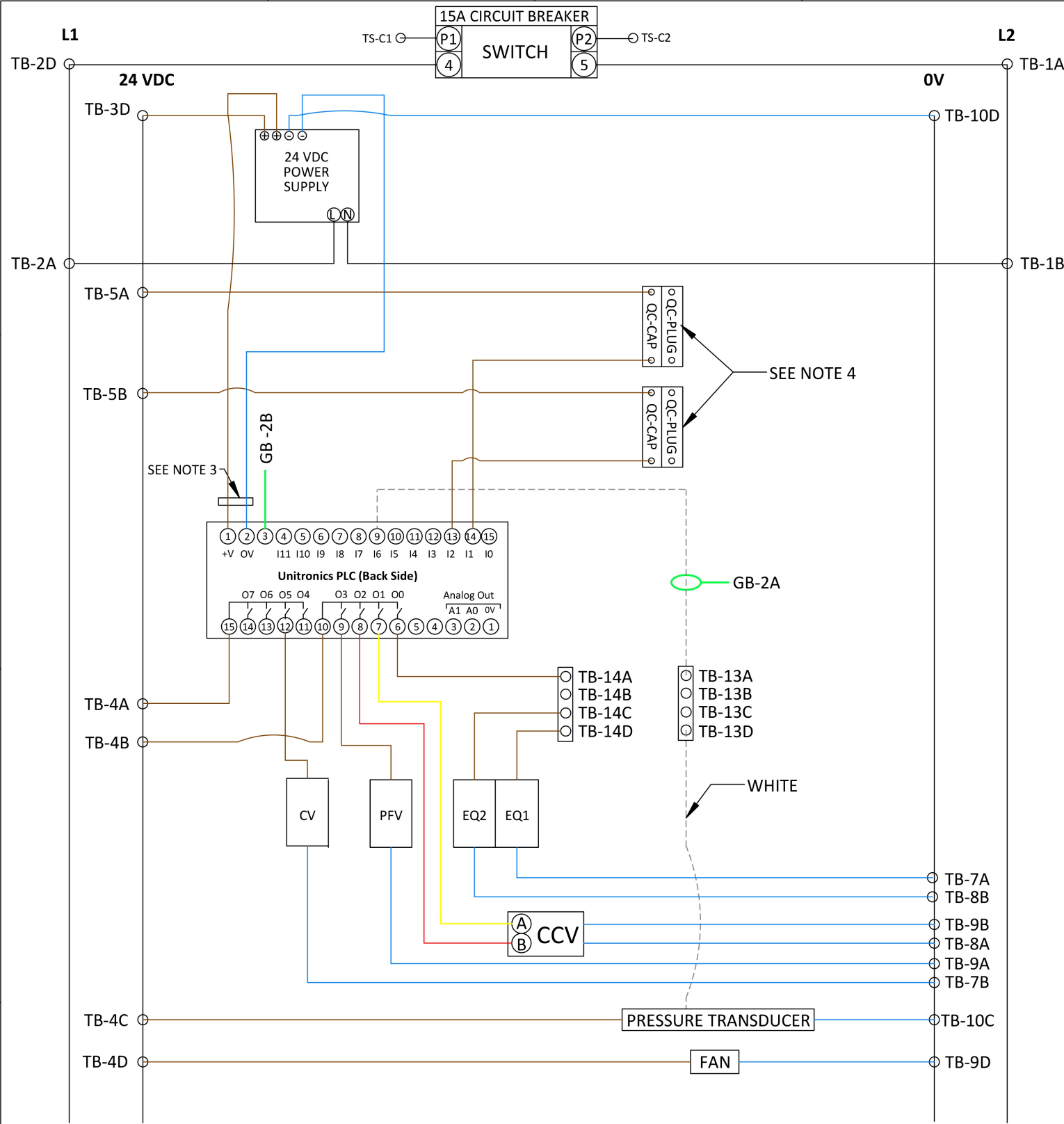
WIRING TABLE			
AWG	COLOR	SERVICE	FIELD / INTERNAL
16-18	BROWN	24 VDC +	INTERNAL
16-18	BLUE	0V	INTERNAL
16-22	GREY	SIGNAL	INTERNAL

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



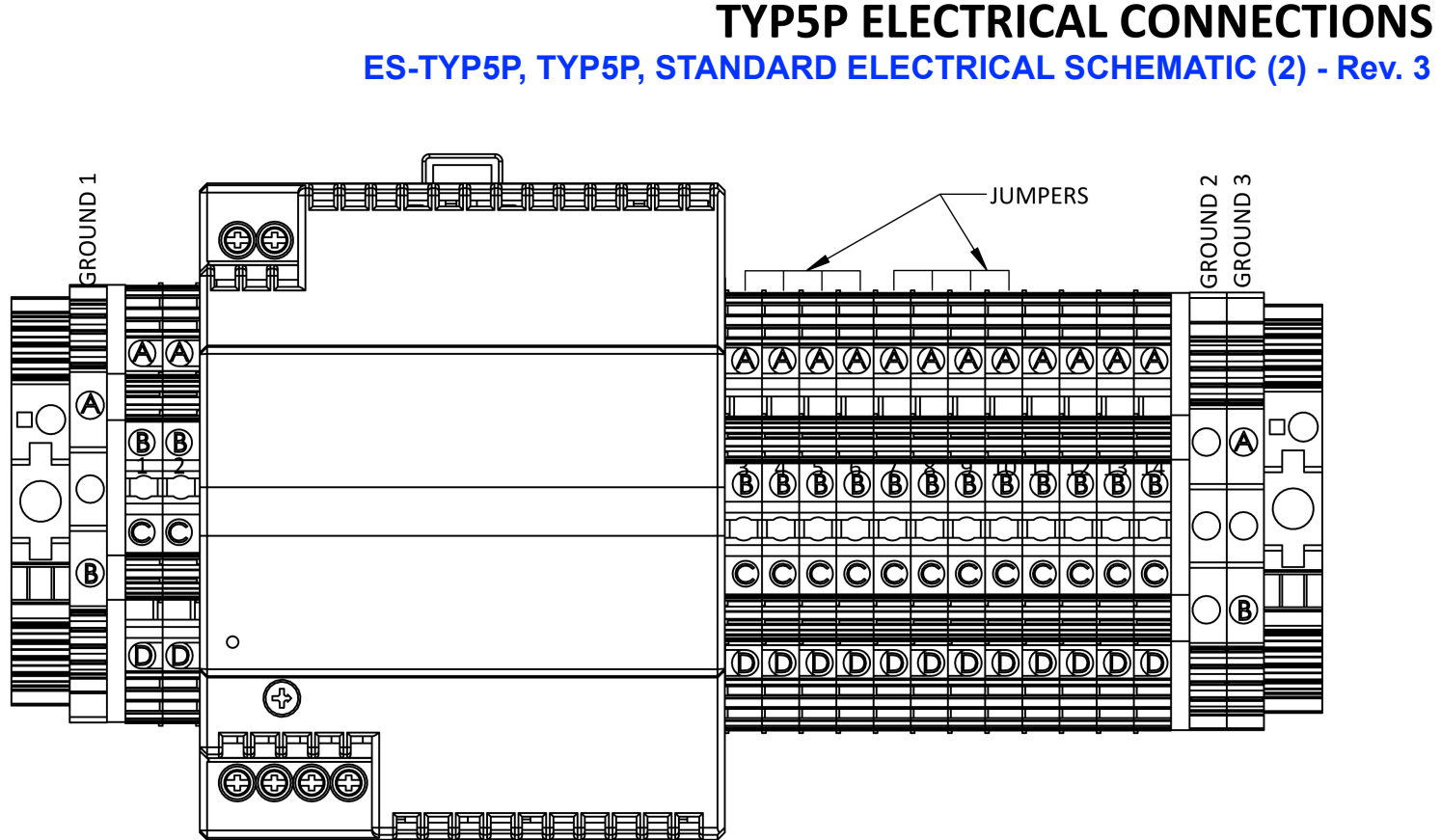
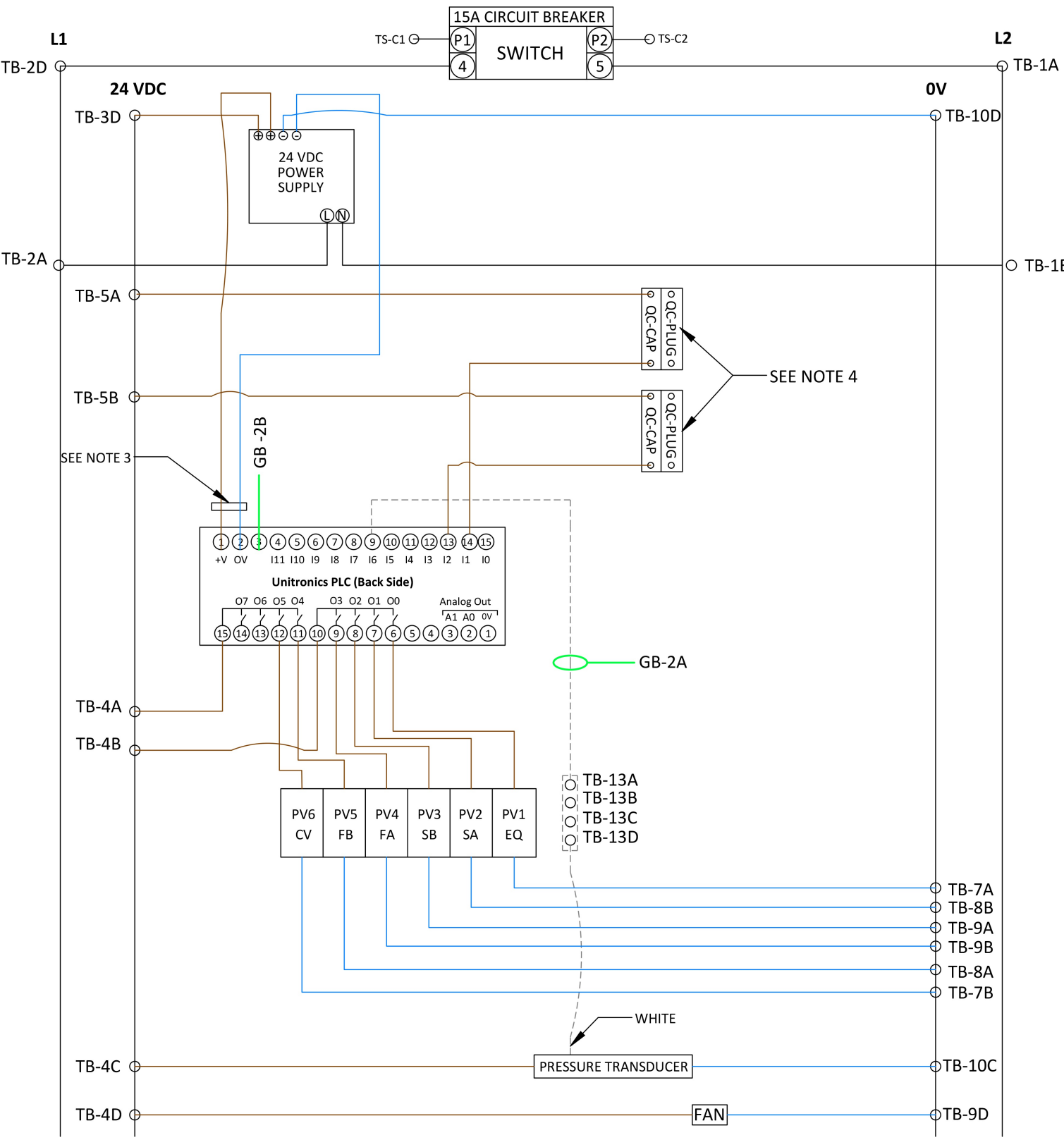
- GENERAL NOTES:
- (1) TERMINAL BLOCKS 1 AND 2 OPEN FACE LEFT, GROUND 1 OPEN FACE RIGHT.
 - (2) TERMINAL BLOCKS 3-13 OPEN FACE RIGHT, GROUND 2 OPEN FACE LEFT.
 - (3) FERRITE CORE NEEDS TO BE INSTALLED WITHIN 2" OF TERMINAL AND WRAPPED A MIN. OF 2X.
 - (4) IF ALARM IS ACTIVE 11-14 WILL BE CLOSED AND 11-12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

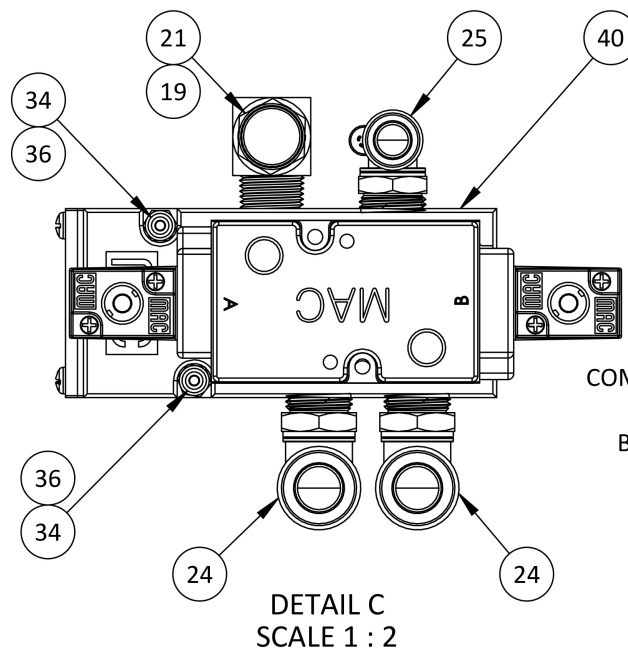
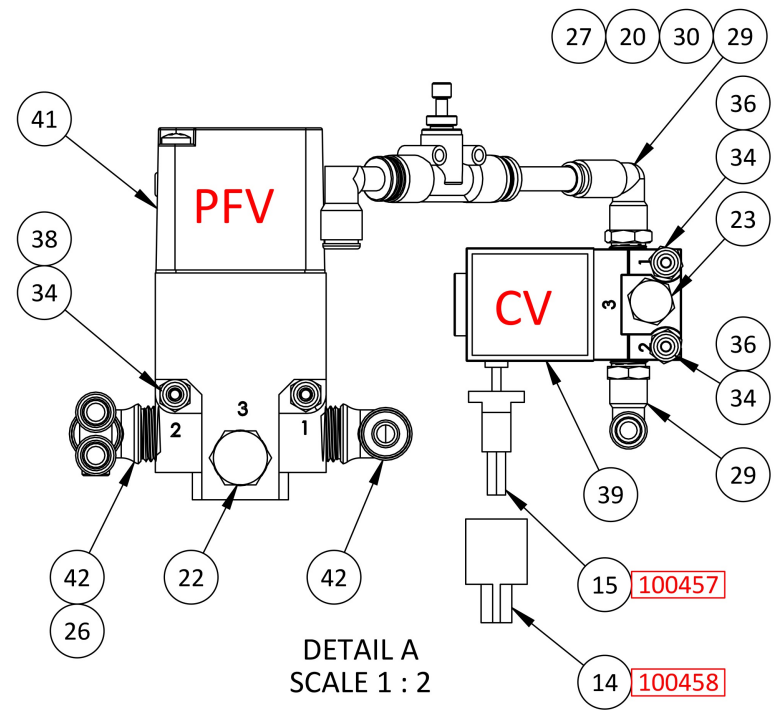
JUMPER SETTINGS:

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

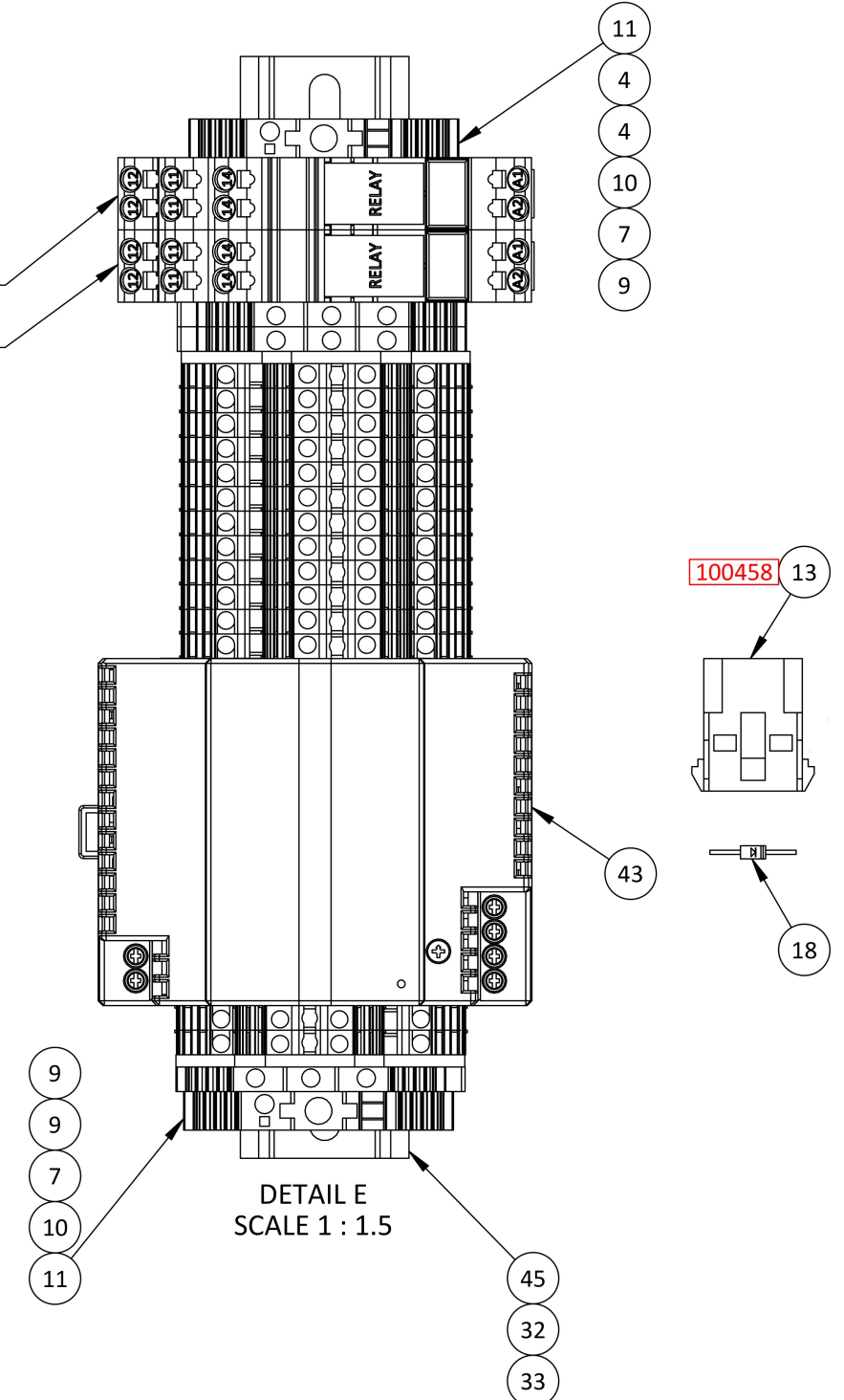
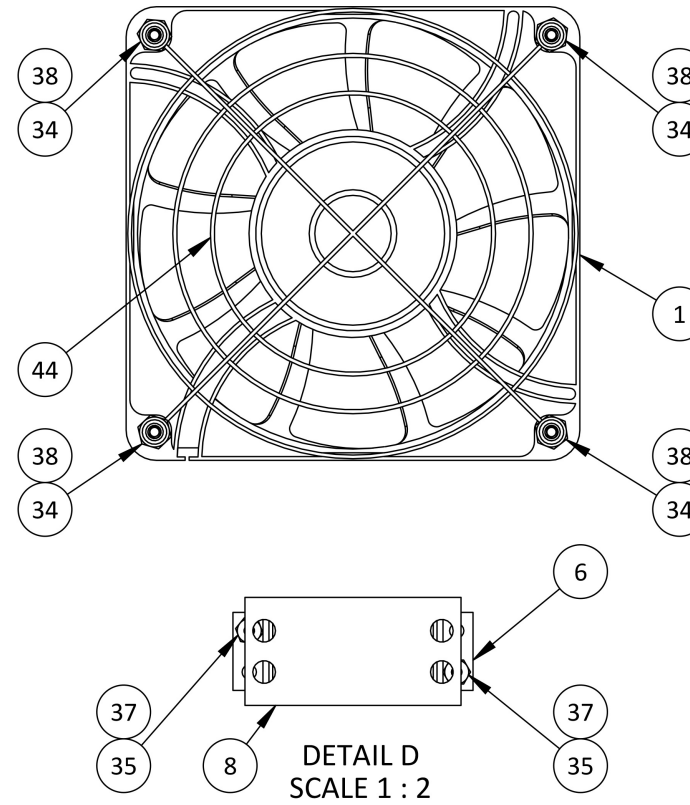
Wiring Table			
AWG	COLOR	SERVICE	FIELD / INTERNAL
14	CUST. CHOICE	110/220 VAC	FIELD
14	BLACK	110/220 VAC - L1	INTERNAL
14	WHITE	110/220 VAC - L2/N	INTERNAL
14	GREEN/YELLOW	GROUND	FIELD/INTERNAL
16-18	BROWN	24 VDC +	INTERNAL
16-18	BLUE	0V	INTERNAL
16-22	GREY	SIGNAL	INTERNAL



COMMON ALARM

BYPASS ALARM

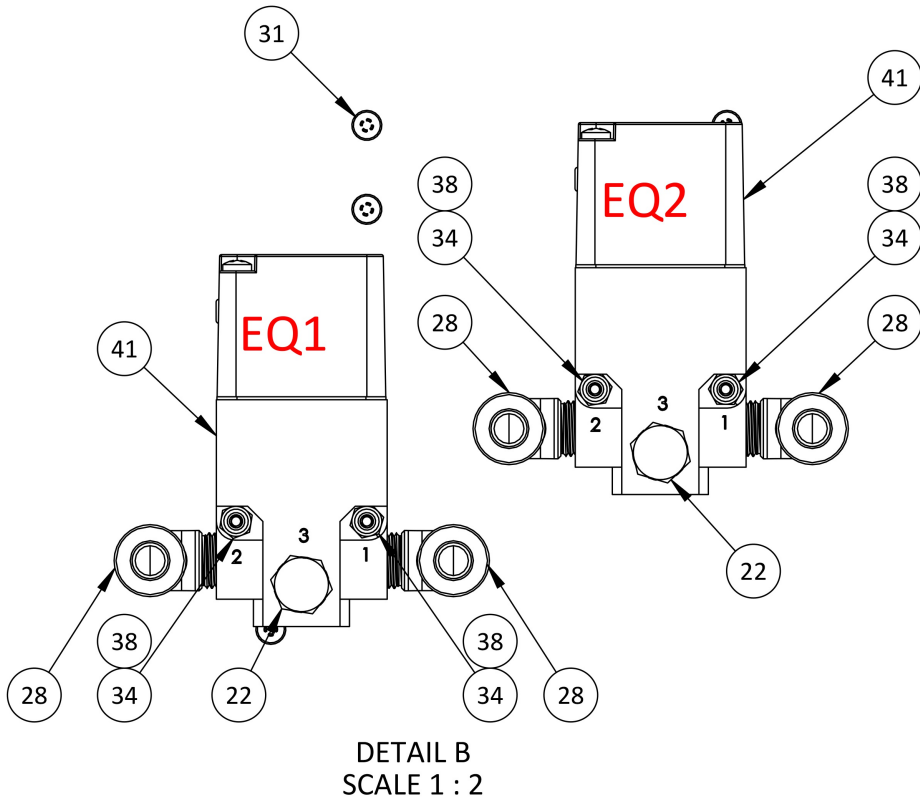
11
4
4
10
7
9



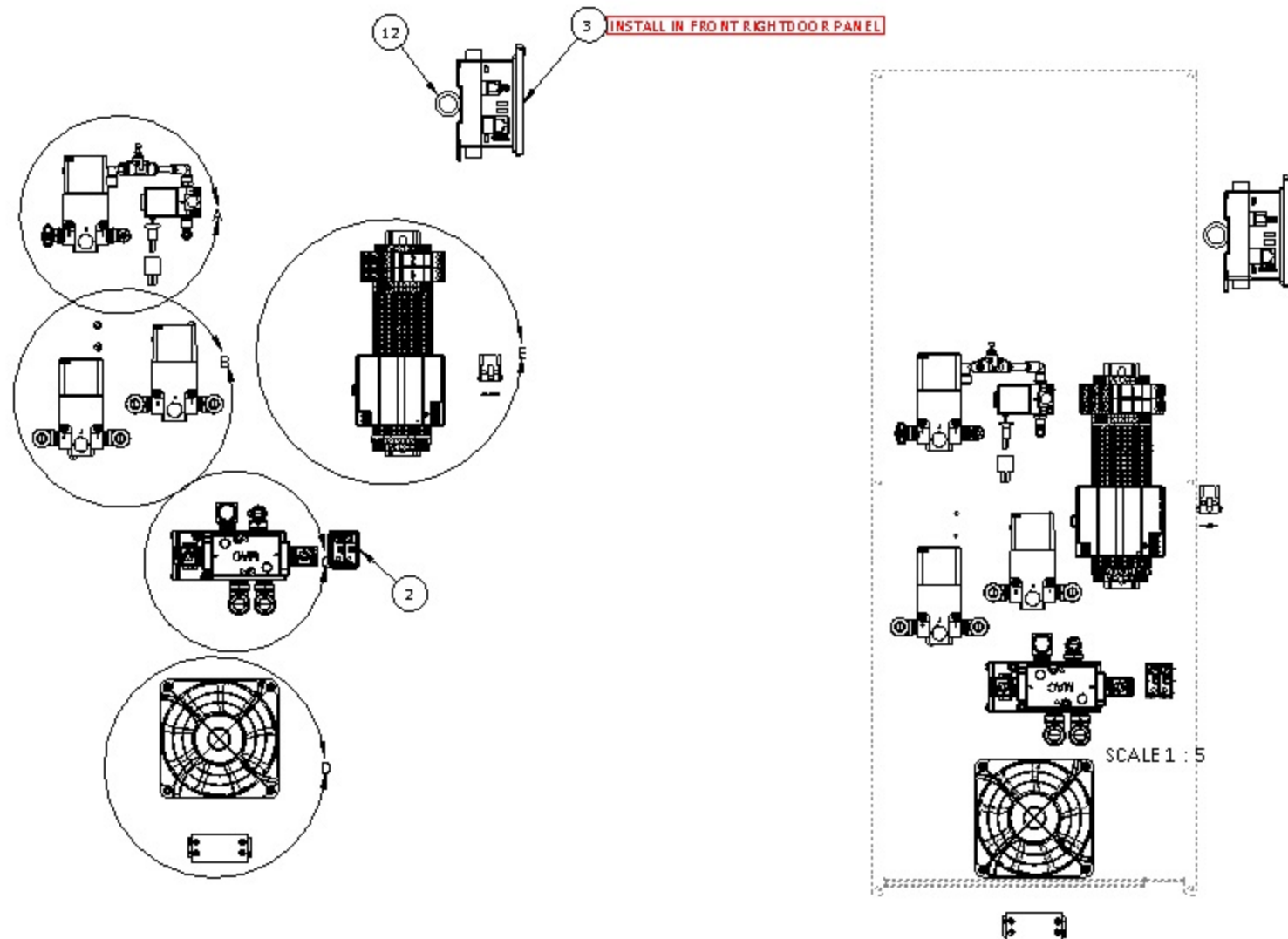
100458 13

18

43



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



ITEM #	QTY	DESCRIPTION	UNIT
1	100041	COOLING FAN, 100 CFM, 24VDC	1
2	100143	CIRCUIT BREAKER, 15A, DPDT, W/COIL	1
3	100224	PROGRAMMABLE LOGIC CONTROLLER	1
4	100337	WAGO X-FLAY, 24VDC	2
5	100375	3P CABLE	1
6	100379	4 POS. MINITERMINAL BLOCK	1
7	100381	DIN RAIL MINITERMINAL BLOCK (4 POS)	2
8	100383	MINITERMINAL BLOCK (COV)	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) (COV)	2
12	100446	TERMINAL BLOCK, 4 POS 26-12AWG, POWER WIRING	1
13	100452	5 PIN CABLE	1
14	100455	2 PIN CABLE, 4 POS 26-12AWG	1
15	100456	2 PIN CABLE, 4 POS 26-12AWG	1
16	100457	WAGO X-FLAY, 26-12AWG, 4 POS 26-12AWG	2
17	100458	TERMINAL BLOCK (COV)	5
18	100464	140004 DIOPT, 1A, 400V	1
19	101297	0.575 NFI 318PFI FLOW, BRASS	1
20	101464	0.230 QD PIC FLOW CONTROLLER	1
21	101520	0.575 NFI 318PFI FLOW, BRASS	1
22	101905	0.230 NFI FLOW, BRASS	5
23	101906	0.125 NFI 318PFI FLOW, BRASS	1
24	102049	0.575 NFI 318PFI FLOW, SWIFT FLOW	2
25	102051	0.575 NFI 318PFI FLOW, SWIFT FLOW	1
26	102054	0.230 QD 318PFI FLOW	1
27	102055	0.230 318PFI 0.230 QD PIC FLOW	1
28	102064	0.230 NFI 318PFI 0.230 QD PIC FLOW	4
29	102075	0.125 NFI 318PFI 0.230 QD PIC SWIFT FLOW	2
30	102092	0.230 318PFI 0.230 QD PIC FLOW	1
31	102370	0.125' 318PFI 0.230 QD PIC FLOW	8
32	102602	40' 318PFI 0.230 QD PIC FLOW	2
33	102602	8-32 1000000	2
34	102603	8-32 1000000	14
35	102601	4-40 1000000	2
36	102791	8-32 1000000	4
37	102792	4-40 1000000	2
38	102794	8-32 1000000	10
39	105237	0.125' NFI 318PFI 0.230 QD PIC FLOW, 24VDC	1
40	105263	0.575' NFI 318PFI 0.230 QD PIC FLOW, 24VDC	1
41	105270	0.230' 318PFI 0.230 QD PIC FLOW, 24VDC/110VAC	5
42	105917	0.230 NFI 318PFI 0.230 QD PIC SWIFT FLOW	2
43	111249	POWER SUPPLY, 100-240, 24V, 100W	1
44	100059	SIGNAL GUARD 100' 1A	1
45	999799	DIN RAIL, 1A	9

GENERAL NOTES:

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