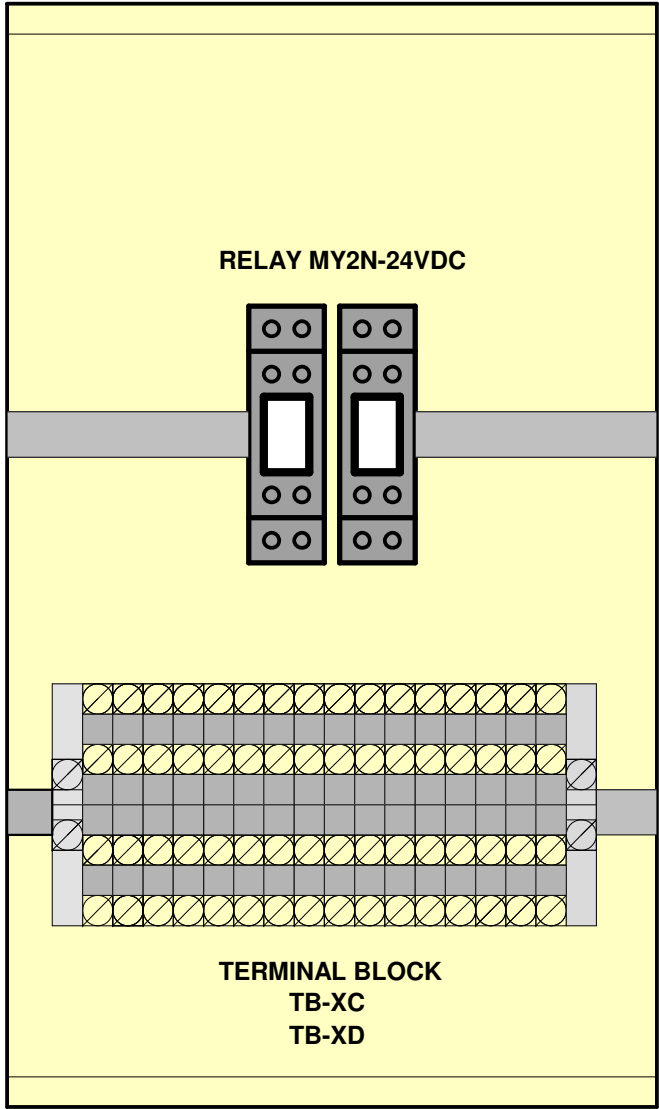
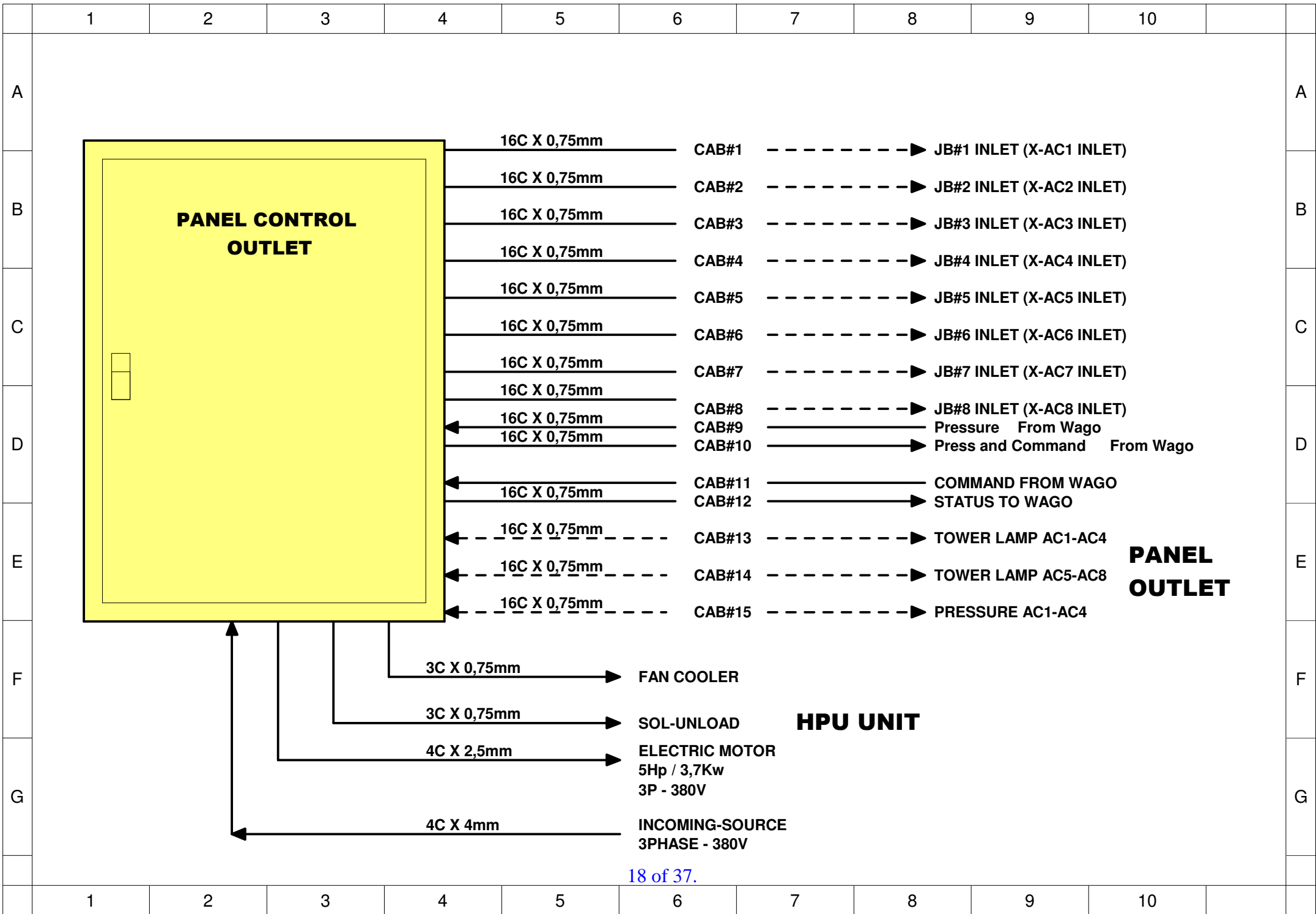
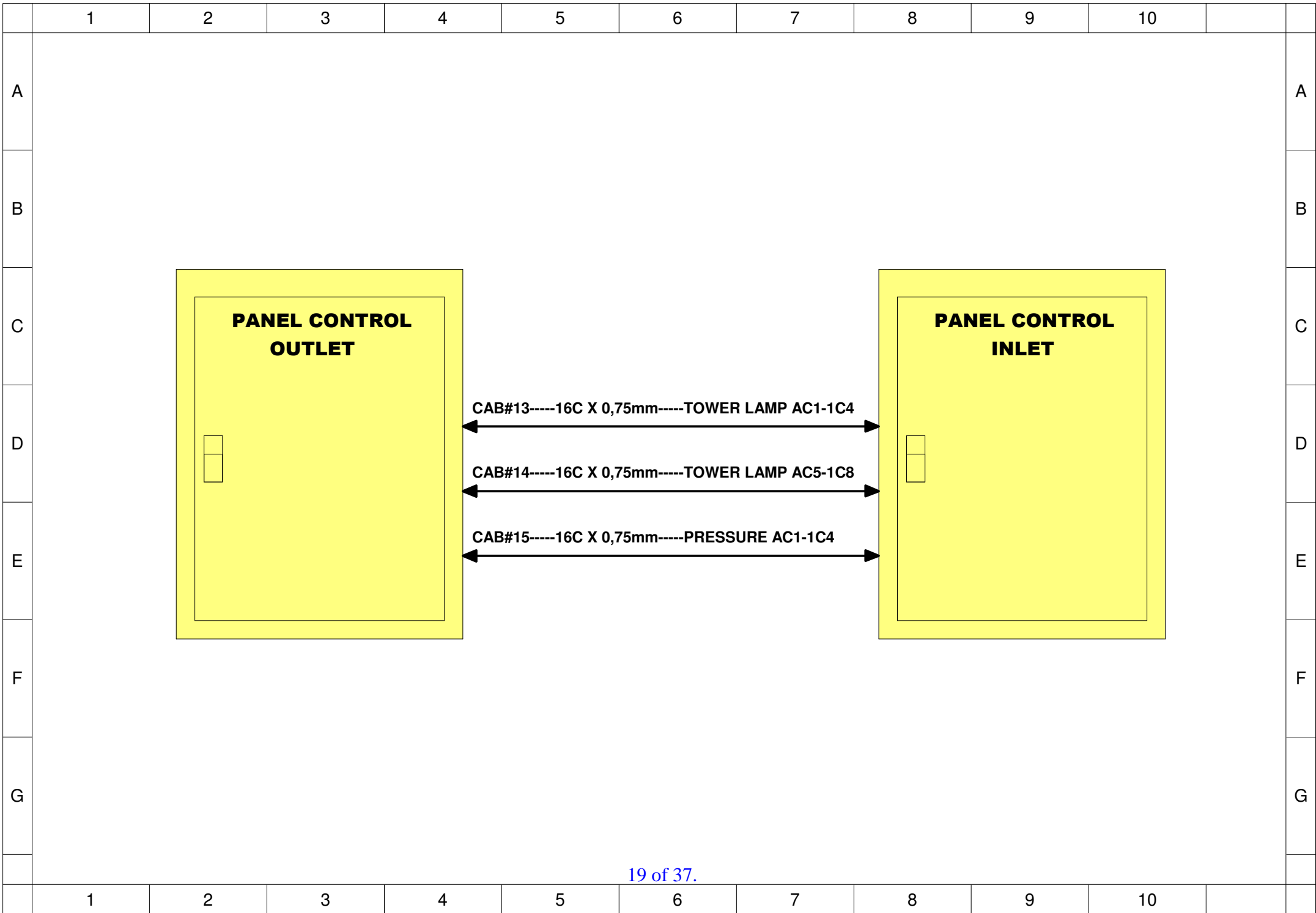


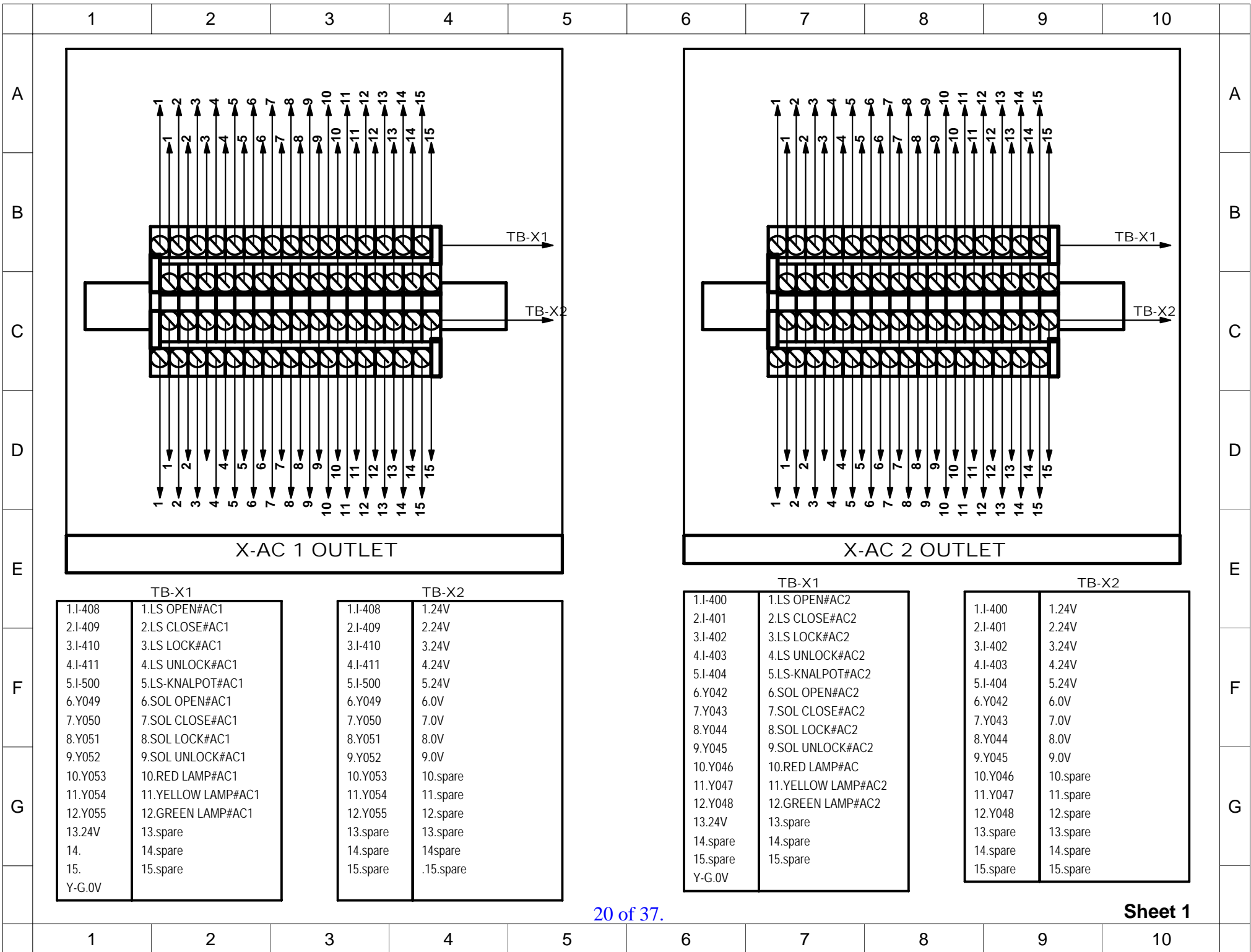
PANEL CONTROL FRONT SIDE OUTLET

NO	PART DESCRIPTION	BRAND	TYPE	QTY
1	PLC	OMRON	CP1L-EM40EDT	1 PCS
2	EXP MODUL	OMRON	CP1W-40EDT	2 PCS
3	EXP MODUL	OMRON	CP1W-16ET	1 PCS
4	POWER SUPPLY	OMRON	S8JX-24V	1 PCS
5	RELAY+SOCKET	OMRON	G2R-2-SN	60 PCS
6	KONTAKTOR	SCHNEIDER	LC1D-12	1 PCS
7	OVERLOAD	SCHNEIDER	LRD-12	1 PCS
8	MCB 3P 25A	SCHNEIDER		1 PCS
9	MCB 1P 6A	SCHNEIDER		2 PCS
10	TERMINAL BLOCK	FORT	UKK-3N	75 PCS

	1	2	3	4	5	6	7	8	9	10																	
A	<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;">  <p style="text-align: center;">RELAY MY2N-24VDC</p> <p style="text-align: center;">TERMINAL BLOCK TB-XC TB-XD</p> </div> <div style="width: 50%; text-align: center;"> <h3>PANEL CONTROL RIGHT SIDE OUTLET</h3> <table border="1"> <thead> <tr> <th>NO</th> <th>PART DESCRIPTION</th> <th>BRAND</th> <th>TYPE</th> <th>QTY</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>RELAY+SOCKET</td> <td>OMRON</td> <td>MY2N-24VDC</td> <td>2 PCS</td> </tr> <tr> <td>2</td> <td>TERMINAL BLOCK</td> <td>FORT</td> <td>UKK-3N</td> <td>35 PCS</td> </tr> </tbody> </table> </div> </div>											NO	PART DESCRIPTION	BRAND	TYPE	QTY	1	RELAY+SOCKET	OMRON	MY2N-24VDC	2 PCS	2	TERMINAL BLOCK	FORT	UKK-3N	35 PCS	A
NO												PART DESCRIPTION	BRAND	TYPE	QTY												
1												RELAY+SOCKET	OMRON	MY2N-24VDC	2 PCS												
2												TERMINAL BLOCK	FORT	UKK-3N	35 PCS												
B												B															
C												C															
D												D															
E	E																										
F	F																										
G	G																										
	1	2	3	4	5	6	7	8	9	10																	







X-AC 1 OUTLET

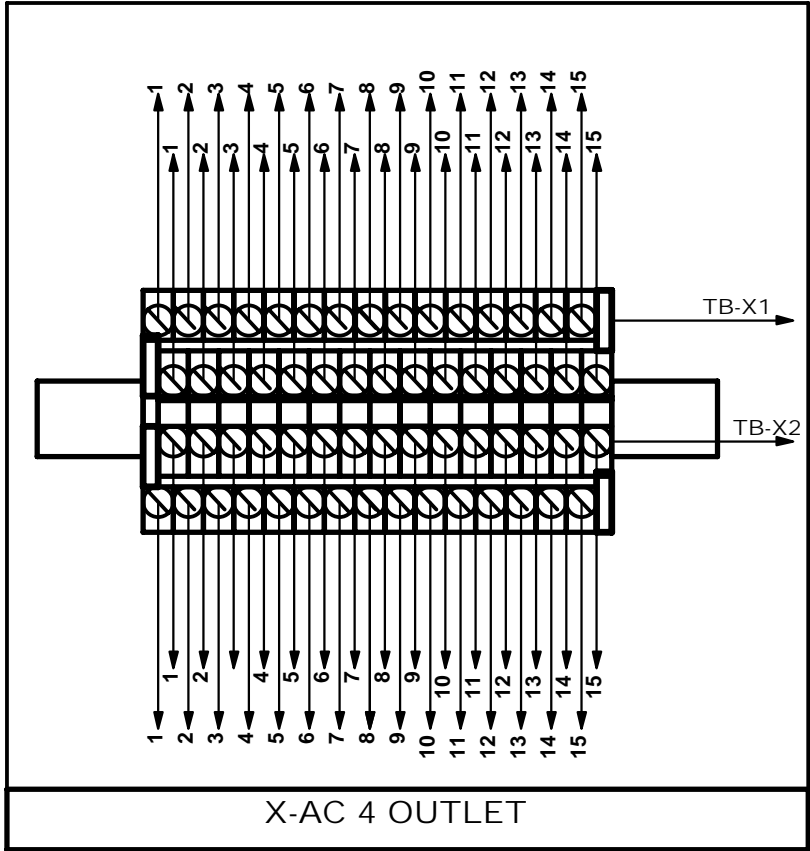
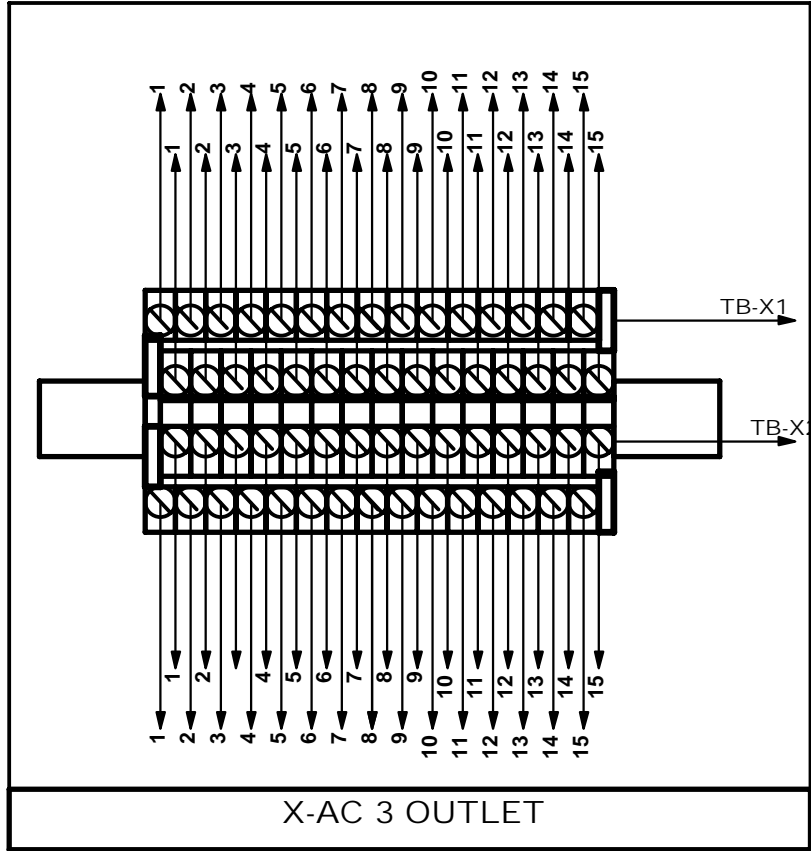
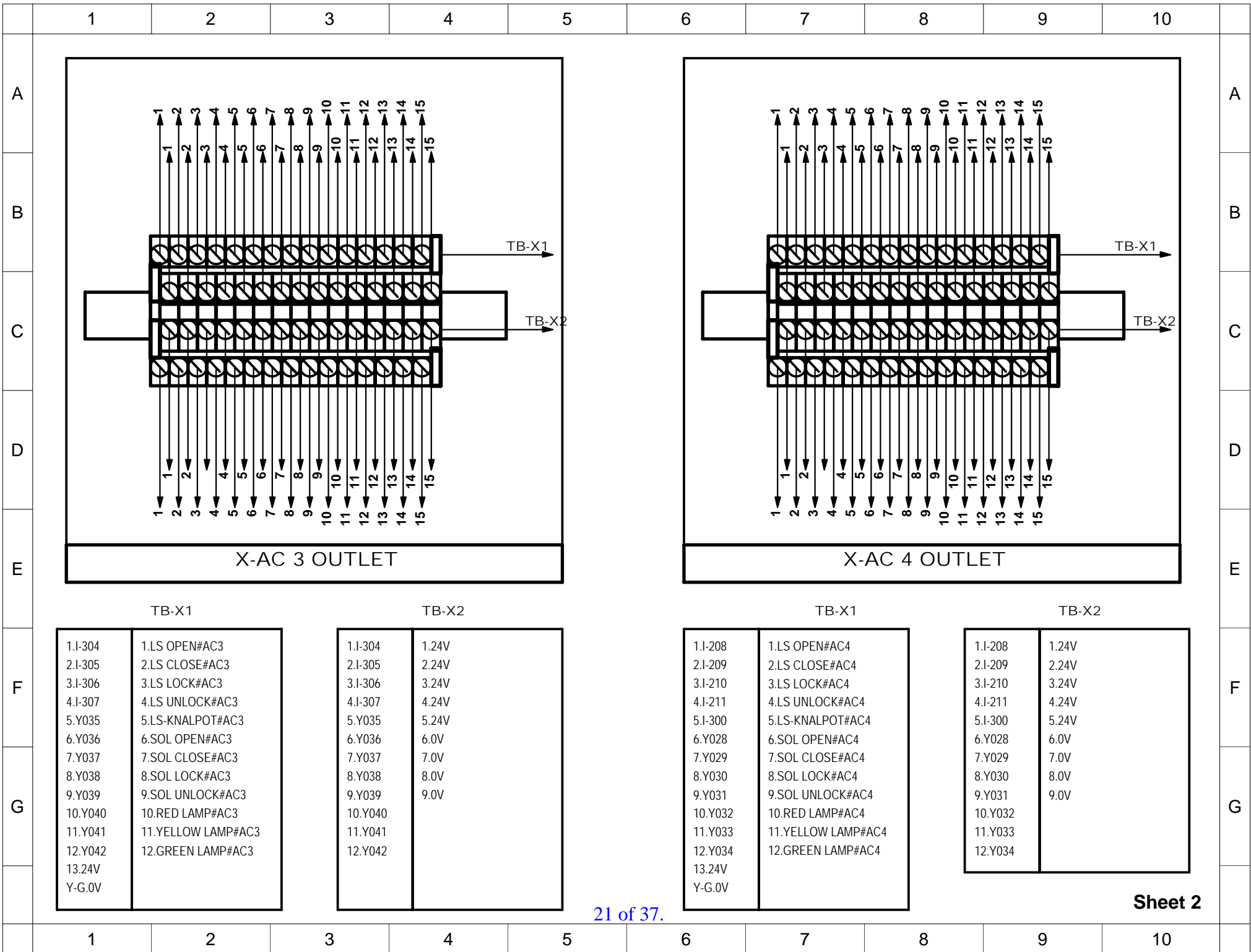
TB-X1	
1.I-408	1.LS OPEN#AC1
2.I-409	2.LS CLOSE#AC1
3.I-410	3.LS LOCK#AC1
4.I-411	4.LS UNLOCK#AC1
5.I-500	5.LS-KNALPOT#AC1
6.Y049	6.SOL OPEN#AC1
7.Y050	7.SOL CLOSE#AC1
8.Y051	8.SOL LOCK#AC1
9.Y052	9.SOL UNLOCK#AC1
10.Y053	10.RED LAMP#AC1
11.Y054	11.YELLOW LAMP#AC1
12.Y055	12.GREEN LAMP#AC1
13.24V	13.spare
14.	14.spare
15.	15.spare
Y-G.0V	

TB-X2	
1.I-408	1.24V
2.I-409	2.24V
3.I-410	3.24V
4.I-411	4.24V
5.I-500	5.24V
6.Y049	6.0V
7.Y050	7.0V
8.Y051	8.0V
9.Y052	9.0V
10.Y053	10.spare
11.Y054	11.spare
12.Y055	12.spare
13.spare	13.spare
14.spare	14.spare
15.spare	15.spare

X-AC 2 OUTLET

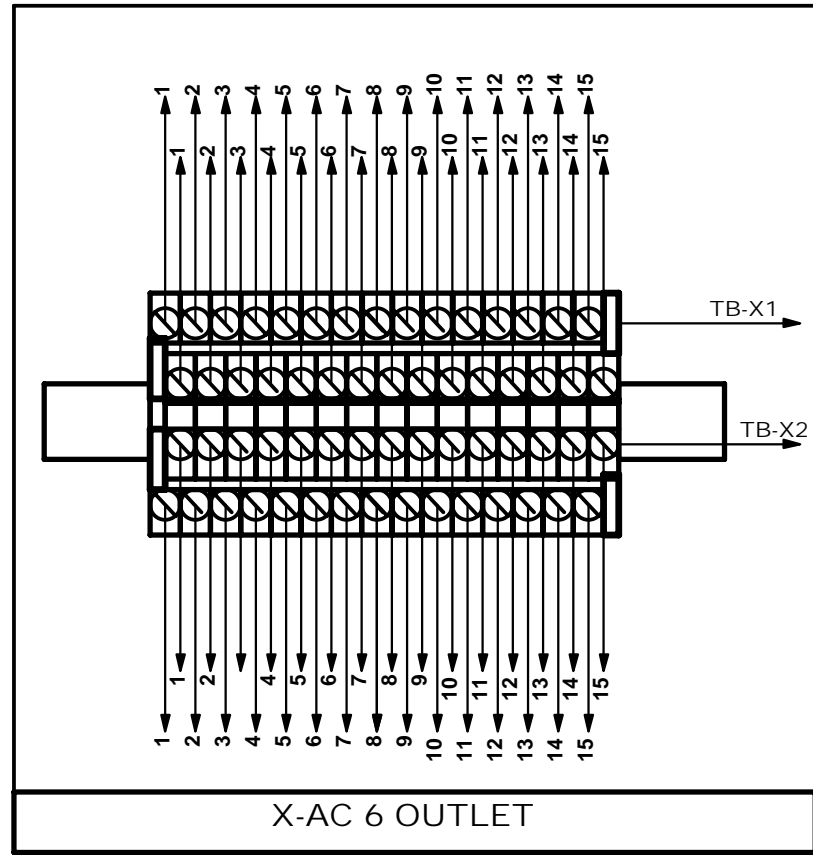
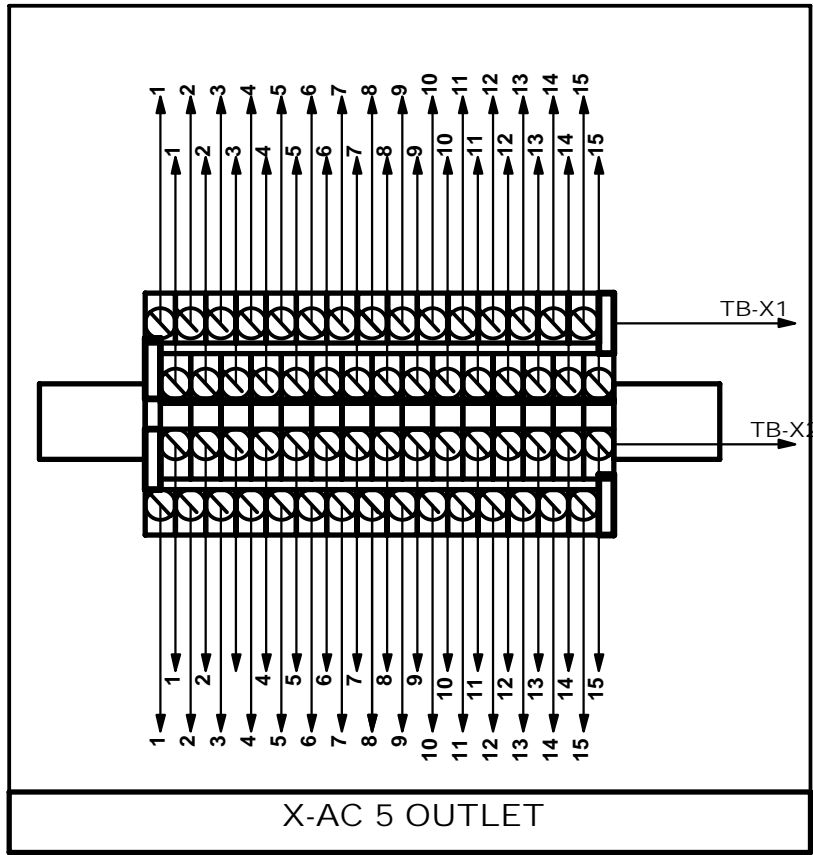
TB-X1	
1.I-400	1.LS OPEN#AC2
2.I-401	2.LS CLOSE#AC2
3.I-402	3.LS LOCK#AC2
4.I-403	4.LS UNLOCK#AC2
5.I-404	5.LS-KNALPOT#AC2
6.Y042	6.SOL OPEN#AC2
7.Y043	7.SOL CLOSE#AC2
8.Y044	8.SOL LOCK#AC2
9.Y045	9.SOL UNLOCK#AC2
10.Y046	10.RED LAMP#AC
11.Y047	11.YELLOW LAMP#AC2
12.Y048	12.GREEN LAMP#AC2
13.24V	13.spare
14.spare	14.spare
15.spare	15.spare
Y-G.0V	

TB-X2	
1.I-400	1.24V
2.I-401	2.24V
3.I-402	3.24V
4.I-403	4.24V
5.I-404	5.24V
6.Y042	6.0V
7.Y043	7.0V
8.Y044	8.0V
9.Y045	9.0V
10.Y046	10.spare
11.Y047	11.spare
12.Y048	12.spare
13.spare	13.spare
14.spare	14.spare
15.spare	15.spare



TB-X1		TB-X2	
1.I-304	1.LS OPEN#AC3	1.I-304	1.24V
2.I-305	2.LS CLOSE#AC3	2.I-305	2.24V
3.I-306	3.LS LOCK#AC3	3.I-306	3.24V
4.I-307	4.LS UNLOCK#AC3	4.I-307	4.24V
5.Y035	5.LS-KNALPOT#AC3	5.Y035	5.24V
6.Y036	6.SOL OPEN#AC3	6.Y036	6.0V
7.Y037	7.SOL CLOSE#AC3	7.Y037	7.0V
8.Y038	8.SOL LOCK#AC3	8.Y038	8.0V
9.Y039	9.SOL UNLOCK#AC3	9.Y039	9.0V
10.Y040	10.RED LAMP#AC3	10.Y040	
11.Y041	11.YELLOW LAMP#AC3	11.Y041	
12.Y042	12.GREEN LAMP#AC3	12.Y042	
13.24V			
Y-G.0V			

TB-X1		TB-X2	
1.I-208	1.LS OPEN#AC4	1.I-208	1.24V
2.I-209	2.LS CLOSE#AC4	2.I-209	2.24V
3.I-210	3.LS LOCK#AC4	3.I-210	3.24V
4.I-211	4.LS UNLOCK#AC4	4.I-211	4.24V
5.I-300	5.LS-KNALPOT#AC4	5.I-300	5.24V
6.Y028	6.SOL OPEN#AC4	6.Y028	6.0V
7.Y029	7.SOL CLOSE#AC4	7.Y029	7.0V
8.Y030	8.SOL LOCK#AC4	8.Y030	8.0V
9.Y031	9.SOL UNLOCK#AC4	9.Y031	9.0V
10.Y032	10.RED LAMP#AC4	10.Y032	
11.Y033	11.YELLOW LAMP#AC4	11.Y033	
12.Y034	12.GREEN LAMP#AC4	12.Y034	
13.24V			
Y-G.0V			



TB-X1

TB-X2

1.I-200	1.LS OPEN#AC4
2.I-201	2.LS CLOSE#AC4
3.I-202	3.LS LOCK#AC5
4.I-203	4.LS UNLOCK#AC5
5.I-204	5.LS-KNALPOT#AC5
6.Y021	6.SOL OPEN#AC5
7.Y022	7.SOL CLOSE#AC5
8.Y023	8.SOL LOCK#AC5
9.Y024	9.SOL UNLOCK#AC5
10.Y025	10.RED LAMP#AC5
11.Y026	11.YELLOW LAMP#AC5
12.Y027	12.GREEN LAMP#AC5
13.24V	
Y-G.0V	

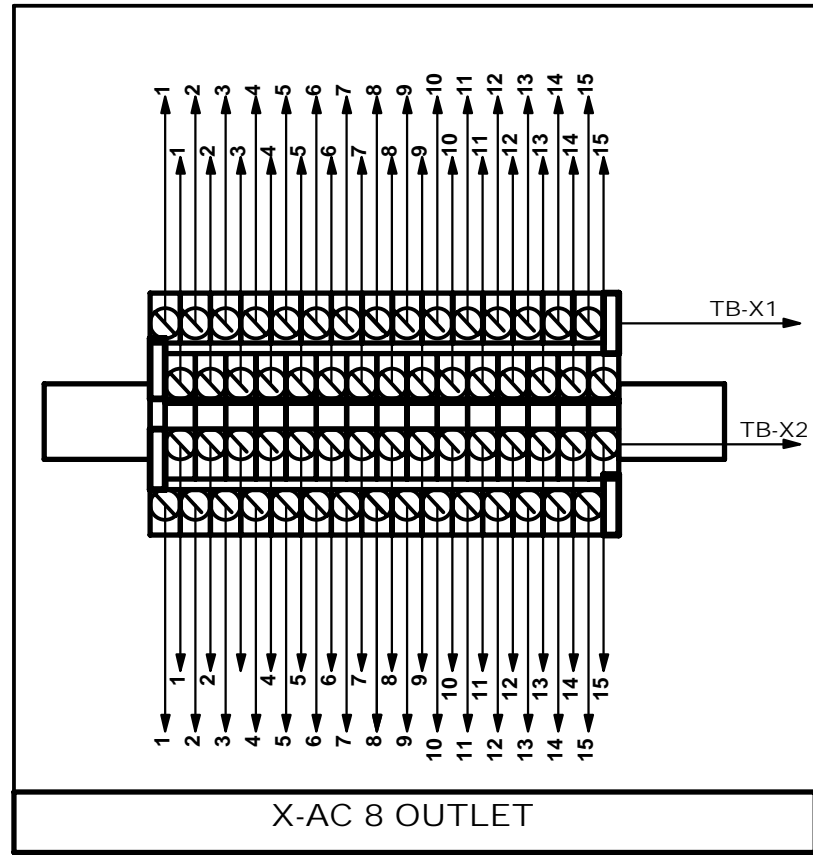
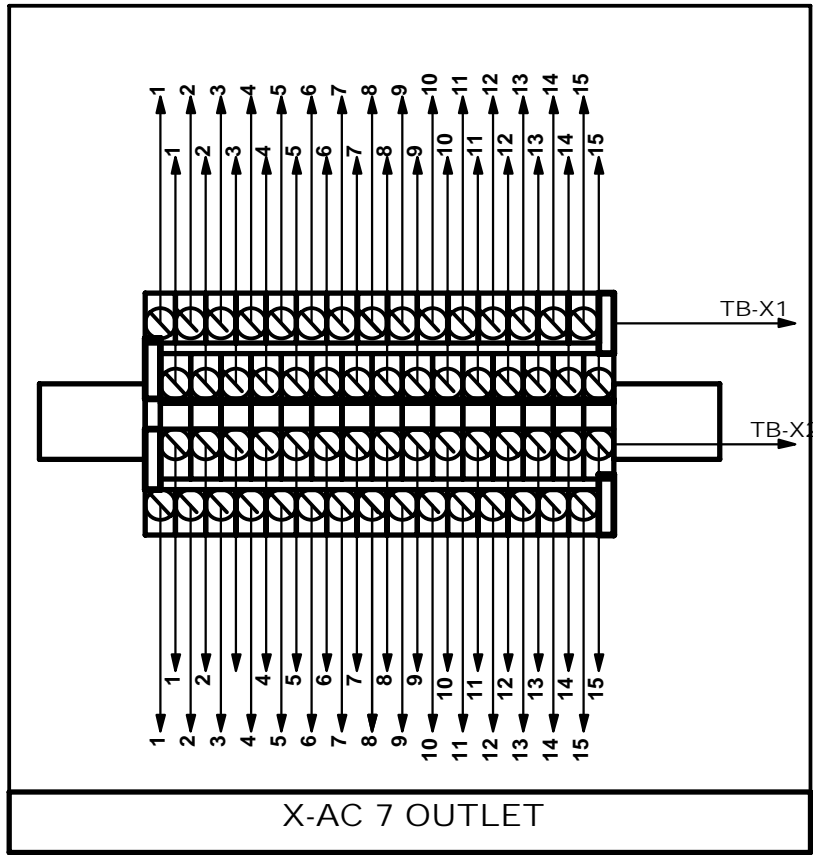
1.I-200	1.24V
2.I-201	2.24V
3.I-202	3.24V
4.I-203	4.24V
5.I-204	5.24V
6.Y021	6.0V
7.Y022	7.0V
8.Y023	8.0V
9.Y024	9.0V
10.Y025	
11.Y026	
12.Y027	
13.24V	
Y-G.0V	

TB-X1

TB-X2

1.I-104	1.LS OPEN#AC6
2.I-105	2.LS CLOSE#AC6
3.I-106	3.LS LOCK#AC6
4.I-107	4.LS UNLOCK#AC6
5.I-108	5.LS-KNALPOT#AC6
6.Y014	6.SOL OPEN#AC6
7.Y015	7.SOL CLOSE#AC6
8.Y016	8.SOL LOCK#AC6
9.Y017	9.SOL UNLOCK#AC6
10.Y018	10.RED LAMP#AC6
11.Y019	11.YELLOW LAMP#AC6
12.Y020	12.GREEN LAMP#AC6
13.24V	
Y-G.0V	

1.I-104	1.24V
2.I-105	2.24V
3.I-106	3.24V
4.I-107	4.24V
5.I-108	5.24V
6.Y014	6.0V
7.Y015	7.0V
8.Y016	8.0V
9.Y017	9.0V
10.Y018	
11.Y019	
12.Y020	



TB-X1

TB-X2

1.I-008	1.LS OPEN#AC7
2.I-009	2.LS CLOSE#AC7
3.I-010	3.LS LOCK#AC7
4.I-011	4.LS UNLOCK#AC7
5.I-100	5.LS-KNALPOT#AC7
6.Y007	6.SOL OPEN#AC7
7.Y008	7.SOL CLOSE#AC7
8.Y009	8.SOL LOCK#AC
9.Y010	9.SOL UNLOCK#AC7
10.Y011	10.RED LAMP#AC7
11.Y012	11.YELLOW LAMP#AC7
12.Y013	12.GREEN LAMP#AC7
13.24V	
Y-G.0V	

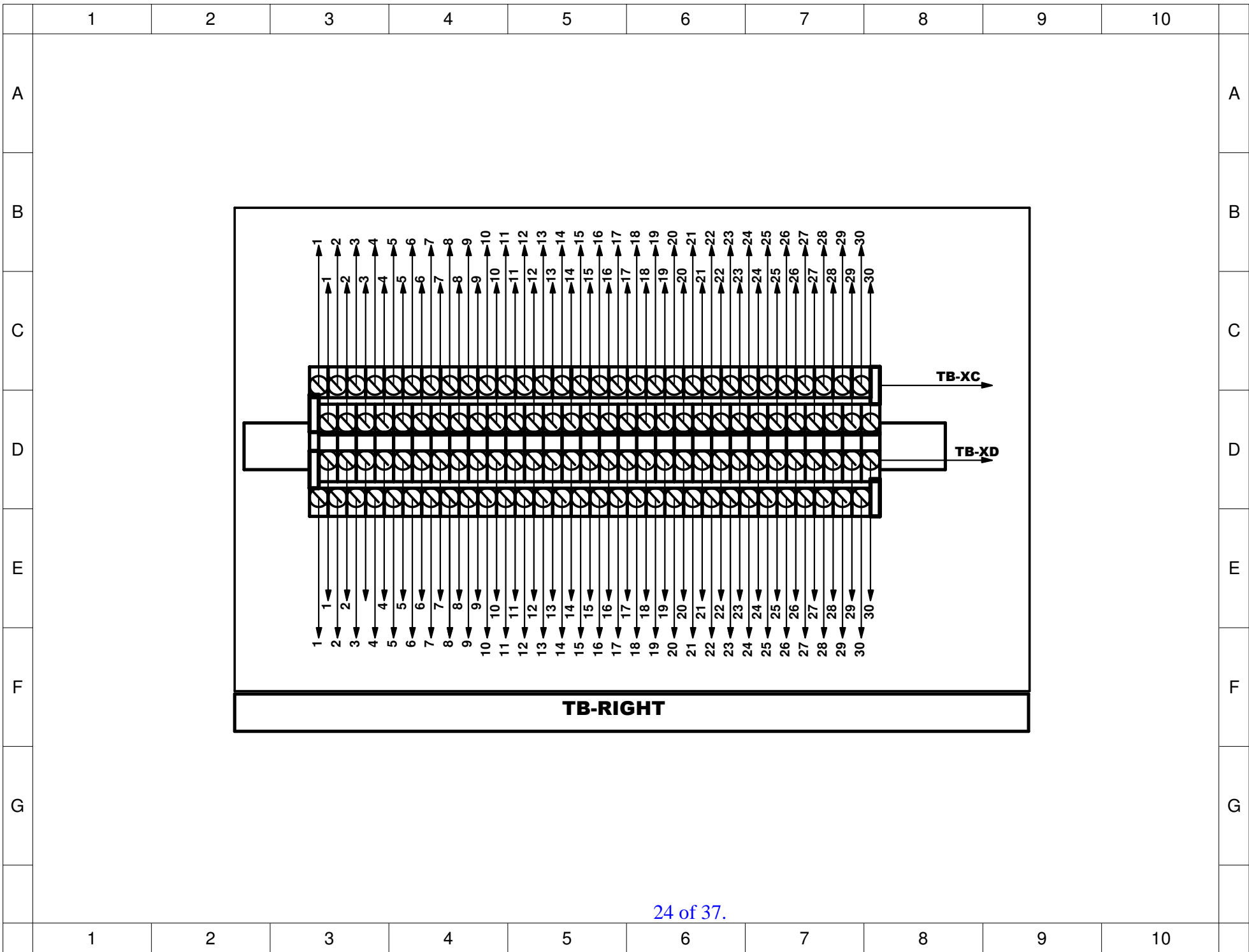
1.I-008	1.24V
2.I-009	2.24V
3.I-010	3.24V
4.I-011	4.24V
5.I-100	5.24V
6.Y007	6.0V
7.Y008	7.0V
8.Y009	8.0V
9.Y010	9.0V
10.Y011	
11.Y012	
12.Y013	
13.24V	
Y-G.0V	

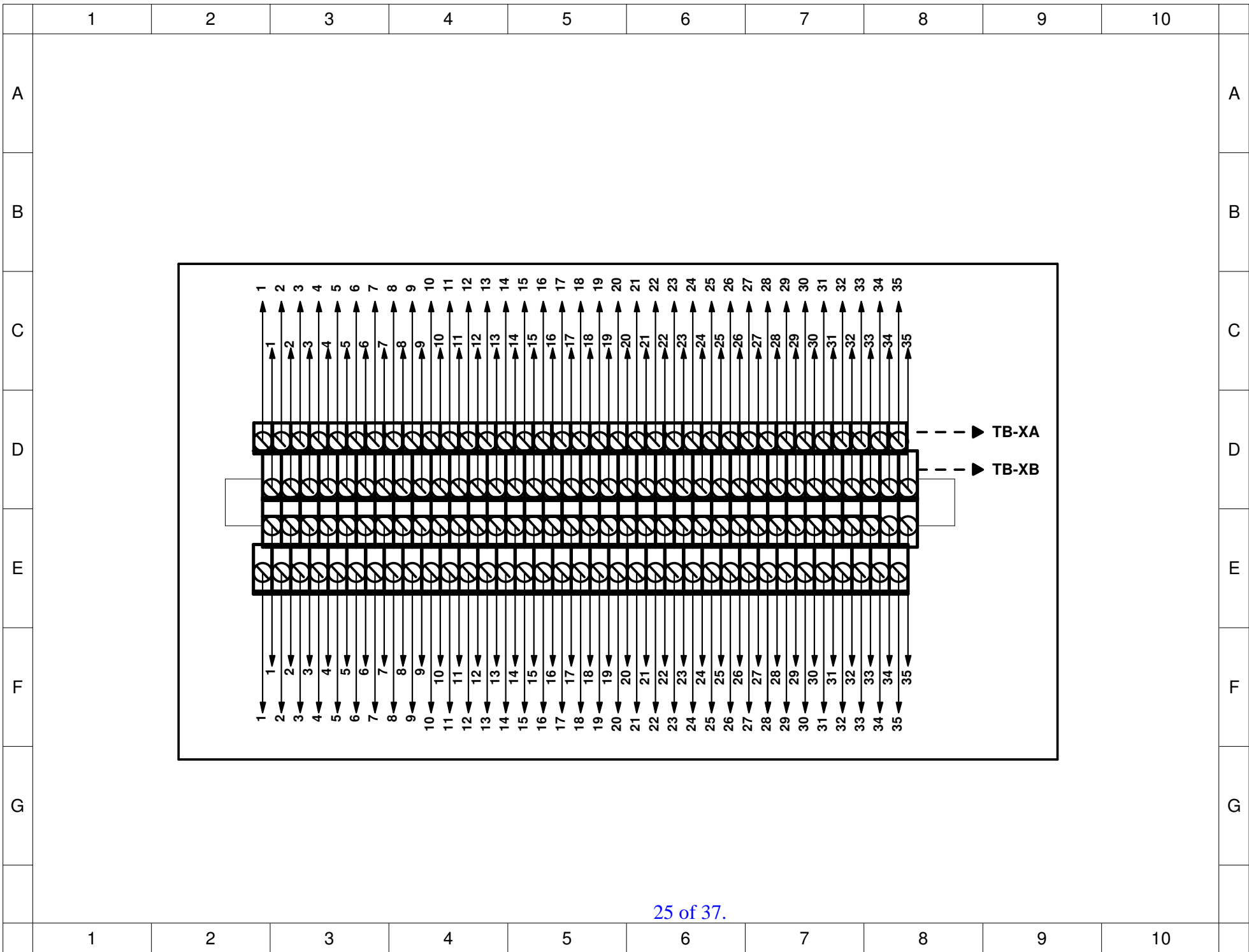
TB-X1

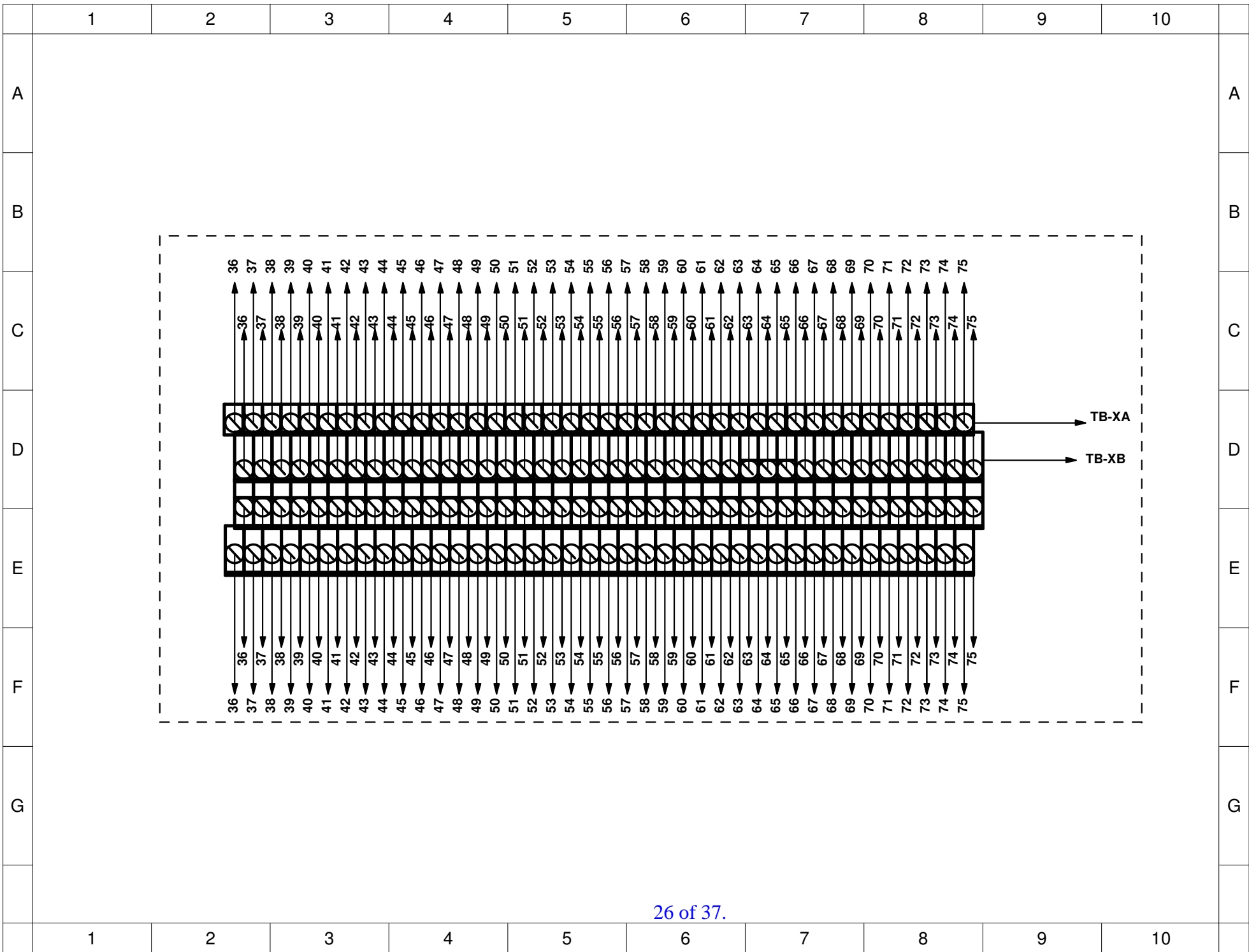
TB-X2

1.I-000	1.LS OPEN#AC8
2.I-001	2.LS CLOSE#AC8
3.I-002	3.LS LOCK#AC8
4.I-003	4.LS UNLOCK#AC8
5.I-004	5.LS-KNALPOT#AC8
6.Y000	6.SOL OPEN#AC8
7.Y001	7.SOL CLOSE#AC8
8.Y002	8.SOL LOCK#AC8
9.Y003	9.SOL UNLOCK#AC8
10.Y004	10.RED LAMP#AC8
11.Y005	11.YELLOW LAMP#AC8
12.Y006	12.GREEN LAMP#AC8
13.24V	
Y-G.0V	

1.I-000	1.24V
2.I-001	2.24V
3.I-002	3.24V
4.I-003	4.24V
5.I-004	5.24V
6.Y000	6.0V
7.Y001	7.0V
8.Y002	8.0V
9.Y003	9.0V
10.Y004	
11.Y005	
12.Y006	
13.24V	
Y-G.0V	







DATA BASE INPUT -OUTPUT AUTO CLAVE 1-8 (OUTLET)

MODUL REFERENSI									
CP1L-EM40DT-D					CP1W-40EDT				
DI-24 Pts	Function	DO-16 Pts	Cable Number	Function	DI-24 Pts	Function	DO-16 Pts	Cable Number	Function
I-000	LS-open AC#8	Q-100,00	Y000	Sol-Open AC#8	I-200	LS-open AC#5	Q-102,00	Y016	Sol-Lock AC#6
I-001	LS-close AC#8	Q-100,01	Y001	Sol-Close AC#8	I-201	LS-close AC#5	Q-102,01	Y017	Sol-Unlock AC#6
I-002	LS-lock AC#8	Q-100,02	Y002	Sol-Lock AC#8	I-202	LS-lock AC#5	Q-102,02	Y018	Red-Lamp AC#6
I-003	LS-unlock AC#8	Q-100,03	Y003	Sol-Unlock AC#8	I-203	LS-unlock AC#5	Q-102,03	Y019	Yellow-Lamp AC#6
I-004	LS_Knalpot AC#8	Q-100,04	Y004	Red-Lamp AC#8	I-204	LS_Knalpot AC#5	Q-102,04	Y020	Green-Lamp AC#6
I-005	High-Press AC#8	Q-100,05	Y005	Yellow-Lamp AC#8	I-205	High-Press AC#5	Q-102,05	Y021	Sol-Open AC#5
I-006	Mid-Press AC#8	Q-100,06	Y006	Green-Lamp AC#8	I-206	Mid-Press AC#5	Q-102,06	Y022	Sol-Close AC#5
I-007	Low-Press AC#8	Q-100,07	Y007	Sol-Open AC#7	I-207	Low-Press AC#5	Q-102,07	Y023	Sol-Lock AC#5
I-008	LS-open AC#7	Q-101,00	Y008	Sol-Close AC#7	I-208	LS-open AC#4	Q-103,00	Y024	Sol-Unlock AC#5
I-009	LS-close AC#7	Q-101,01	Y009	Sol-Lock AC#7	I-209	LS-close AC#4	Q-103,01	Y025	Red-Lamp AC#5
I-010	LS-lock AC#7	Q-101,02	Y010	Sol-Unlock AC#7	I-210	LS-lock AC#4	Q-103,02	Y026	Yellow-Lamp AC#5
I-011	LS-unlock AC#7	Q-101,03	Y011	Red-Lamp AC#7	I-211	LS-unlock AC#4	Q-103,03	Y027	Green-Lamp AC#5
I-100	LS_Knalpot AC#7	Q-101,04	Y012	Yellow-Lamp AC#7	I-300	LS_Knalpot AC#4	Q-103,04	Y028	Sol-Open AC#4
I-101	High-Press AC#7	Q-101,05	Y013	Green-Lamp AC#7	I-301	Com-Close AC#6	Q-103,05	Y029	Sol-Close AC#4
I-102	Mid-Press AC#7	Q-101,06	Y014	Sol-Open AC#6	I-302	Com-Open AC#5	Q-103,06	Y030	Sol-Lock AC#4
I-103	Low-Press AC#7	Q-101,07	Y015	Sol-Close AC#6	I-303	Com-Close AC#5	Q-103,07	Y031	Sol-Unlock AC#4
I-104	LS-open AC#6				I-304	LS-open AC#3			
I-105	LS-close AC#6				I-305	LS-close AC#3			
I-106	LS-lock AC#6				I-306	LS-lock AC#3			
I-107	LS-unlock AC#6				I-307	LS-unlock AC#3			
I-108	LS_Knalpot AC#6				I-308	LS_Knalpot AC#3			
I-109	High-Press AC#6				I-309	Com-Open AC#4			
I-110	Mid-Press AC#6				I-310	Com-Close AC#4			
I-111	Low-Press AC#6				I-311	Com-Open AC#3			

DATA BASE INPUT -OUTPUT AUTO CLAVE 1-8 (OUTLET)

MODUL REFERENSI							
CP1W-40EDT				CP1W-16ET			
DI-24 Pts	Function	DO-16 Pts	Cable Number	Function	DO-16 Pts	Function	Function
I-400	LS-open AC#2	Q-104,00	Y032	Stat-Open#AC8	Q-106,00	Y048	Stat-Open#AC4
I-401	LS-close AC#2	Q-104,01	Y033	Stat-Close#AC8	Q-106,01	Y049	Sol-Open AC#1
I-402	LS-lock AC#2	Q-104,02	Y034	Stat-Open#AC7	Q-106,02	Y050	Sol-Close AC#1
I-403	LS-unlock AC#2	Q-104,03	Y035	Sol-Open AC#3	Q-106,03	Y051	Sol-Lock AC#1
I-404	LS_Knalpot AC#2	Q-104,04	Y036	Sol-Close AC#3	Q-106,04	Y052	Sol-Unlock AC#1
I-405	Com-Close AC#3	Q-104,05	Y037	Sol-Lock AC#3	Q-106,05	Y053	Stat-Close#AC4
I-406	Com-Open AC#2	Q-104,06	Y038	Sol-Unlock AC#3	Q-106,06	Y054	Stat-Open#AC3
I-407	Com-Close AC#2	Q-104,07	Y039	Stat-Close#AC7	Q-106,07	Y055	Stat-Close#AC3
I-408	LS-open AC#1	Q-105,00	Y040	Stat-Open#AC6	Q-107,00	Y056	Hyd-Unload
I-409	LS-close AC#1	Q-105,01	Y041	Stat-Close#AC6	Q-107,01	Y057	Spare
I-410	LS-lock AC#1	Q-105,02	Y042	Sol-Open AC#2	Q-107,02	Y058	Stat-Open#AC2
I-411	LS-unlock AC#1	Q-105,03	Y043	Sol-Close AC#2	Q-107,03	Y059	Hyd-Motor
I-500	LS_Knalpot AC#1	Q-105,04	Y044	Sol-Lock AC#2	Q-107,04	Y060	Stat-Close#AC2
I-501	Com-Open AC#1	Q-105,05	Y045	Sol-Unlock AC#2	Q-107,05	Y061	Stat-Open#AC1
I-502	Com-Close AC#1	Q-105,06	Y046	Stat-Open#AC5	Q-107,06	Y062	Stat-Close#AC1
I-503	Com-Open AC#8	Q-105,07	Y047	Stat-Close#AC5	Q-107,07	Y063	
I-504	Com-Close AC#8						
I-505	Com-Open AC#7						
I-506	Com-Close AC#7						
I-507	Com-Open AC#6						
I-508	Spare						
I-509	Spare						
I-510	Spare						
I-511	Spare						

	From / To Field Devices
	From / To WEGO PLC
	Tower Lamp Signal Autoclave 5,6,7 dan 8

CABLE CONNECTION OUTLET AREA

CAB#1	CABLE MARKER	FUNCTION	PANEL CONTROL OUTLET		PANEL CONTROL OUTLET		JB-X-AC1	
			NO OF TERMINAL BLOCK		NO OF TERMINAL BLOCK		NO OF TERMINAL BLOCK	
			TB-XC	TB-XD	TB-XA	TB-XB	TB-X1	TB-X2
1	I-408	LS-open AC#1			57		1	
2	I-409	LS-close AC#1			58		2	
3	I-410	LS-lock AC#1			59		3	
4	I-411	LS-unlock AC#1			60		4	
5	I-500	LS_Knalpot AC#1			61		5	
6	Y-049	Sol-Open AC#1				50	6	
7	Y-050	Sol-Close AC#1				51	7	
8	Y-051	Sol-Lock AC#1				52	8	
9	Y-052	Sol-Unlock AC#1				53	9	
10	Y-053	Red-Lamp AC#1		10		54	10	
11	Y-054	Yellow-Lamp AC#1		11		55	11	
12	Y-055	Green_Lamp AC#1		12		56	12	
13	24V	POWER DC+			MCB 24V			1-2-3-4
14								
15								
Y-G	0V	POWER DC-				65		6-7-8-9

CABLE CONNECTION OUTLET AREA

CAB#2	CABLE MARKER	FUNCTION	PANEL CONTROL OUTLET		PANEL CONTROL OUTLET		JB-X-AC2	
			NO OF TERMINAL BLOCK		NO OF TERMINAL BLOCK		NO OF TERMINAL BLOCK	
			TB-XC	TB-XD	TB-XA	TB-XB	TB-X1	TB-X2
1	I-400	LS-open AC#2			49		1	
2	I-401	LS-close AC#2			50		2	
3	I-402	LS-lock AC#2			51		3	
4	I-403	LS-unlock AC#2			52		4	
5	I-404	LS_Knalpot AC#2			53		5	
6	Y-042	Sol-Open AC#2				43	6	
7	Y-043	Sol-Close AC#2				44	7	
8	Y-044	Sol-Lock AC#2				45	8	
9	Y-045	Sol-Unlock AC#2				46	9	
10	Y-046	Red-Lamp AC#2		7		47	10	
11	Y-047	Yellow-Lamp AC#2		8		48	11	
12	Y-048	Green_Lamp AC#2		9		49	12	
13	24V	POWER DC+			MCB 24V			1-2-3-4
14								
15								
Y-G	0V	POWER DC-				66		6-7-8-9

CABLE CONNECTION OUTLET AREA

CAB#3	CABLE MARKER	FUNCTION	PANEL CONTROL OUTLET		PANEL CONTROL OUTLET		JB-X-AC3	
			NO OF TERMINAL BLOCK		NO OF TERMINAL BLOCK		NO OF TERMINAL BLOCK	
			TB-XC	TB-XD	TB-XA	TB-XB	TB-X1	TB-X2
1	I-304	LS-open AC#3			41		1	
2	I-305	LS-close AC#3			42		2	
3	I-306	LS-lock AC#3			43		3	
4	I-307	LS-unlock AC#3			44		4	
5	I-308	LS_Knalpot AC#3			45		5	
6	Y-035	Sol-Open AC#3				36	6	
7	Y-036	Sol-Close AC#3				37	7	
8	Y-037	Sol-Lock AC#3				38	8	
9	Y-038	Sol-Unlock AC#3				39	9	
10	Y-039	Red-Lamp AC#3		4		40	10	
11	Y-040	Yellow-Lamp AC#3		5		41	11	
12	Y-041	Green_Lamp AC#3		6		42	12	
13	24V	POWER DC+			MCB 24V			1-2-3-4
14								
15								
Y-G	0V	POWER DC-				67		6-7-8-9

CABLE CONNECTION OUTLET AREA

CAB#4	CABLE MARKER	FUNCTION	PANEL CONTROL OUTLET		PANEL CONTROL OUTLET		JB-X-AC4	
			NO OF TERMINAL BLOCK		NO OF TERMINAL BLOCK		NO OF TERMINAL BLOCK	
			TB-XC	TB-XD	TB-XA	TB-XB	TB-X1	TB-X2
1	I-208	LS-open AC#4			33		1	
2	I-209	LS-close AC#4			34		2	
3	I-210	LS-lock AC#4			35		3	
4	I-211	LS-unlock AC#4			36		4	
5	I-300	LS_Knalpot AC#4			37		5	
6	Y-028	Sol-Open AC#4				29	6	
7	Y-029	Sol-Close AC#4				30	7	
8	Y-030	Sol-Lock AC#4				31	8	
9	Y-031	Sol-Unlock AC#4				32	9	
10	Y-032	Red-Lamp AC#4		1		33	10	
11	Y-033	Yellow-Lamp AC#4		2		34	11	
12	Y-034	Green_Lamp AC#4		3		35	12	
13	24V	POWER DC+			MCB 24V			1-2-3-4
14								
15								
Y-G	0V	POWER DC-				68		6-7-8-9

CABLE CONNECTION OUTLET AREA

CAB#5	CABLE MARKER	FUNCTION	PANEL CONTROL OUTLET		JB-X-AC5		PANEL CONTROL OUTLET	
			NO OF TERMINAL BLOCK		NO OF TERMINAL BLOCK		NO OF TERMINAL BLOCK	
			TB-XA	TB-XB	TB-X1	TB-X2	TB-XC	TB-XD
1	I-200	LS-open AC#5	25		1			
2	I-201	LS-close AC#5	26		2			
3	I-202	LS-lock AC#5	27		3			
4	I-203	LS-unlock AC#5	28		4			
5	I-204	LS_Knalpot AC#5	29		5			
6	Y-021	Sol-Open AC#5		22	6			
7	Y-022	Sol-Close AC#5		23	7			
8	Y-023	Sol-Lock AC#5		24	8			
9	Y-024	Sol-Unlock AC#5		25	9			
10	Y-025	Red-Lamp AC#5		26	10			
11	Y-026	Yellow-Lamp AC#5		27	11			
12	Y-027	Green_Lamp AC#5		28	12			
13	24V	POWER DC+	MCB 24V			1-2-3-4		
14								
15								
Y-G	0V	POWER DC-		69		6-7-8-9		

CABLE CONNECTION OUTLET AREA

CAB#6	CABLE MARKER	FUNCTION	PANEL CONTROL OUTLET		JB-X-AC6		PANEL CONTROL OUTLET	
			NO OF TERMINAL BLOCK		NO OF TERMINAL BLOCK		NO OF TERMINAL BLOCK	
			TB-XA	TB-XB	TB-X1	TB-X2	TB-XC	TB-XD
1	I-104	LS-open AC#6	17		1			
2	I-105	LS-close AC#6	18		2			
3	I-106	LS-lock AC#6	19		3			
4	I-107	LS-unlock AC#6	20		4			
5	I-108	LS_Knalpot AC#6	21		5			
6	Y-014	Sol-Open AC#6		15	6			
7	Y-015	Sol-Close AC#6		16	7			
8	Y-016	Sol-Lock AC#6		17	8			
9	Y-017	Sol-Unlock AC#6		18	9			
10	Y-018	Red-Lamp AC#6		19	10			
11	Y-019	Yellow-Lamp AC#6		20	11			
12	Y-020	Green_Lamp AC#6		21	12			
13	24V	POWER DC+	MCB 24V			1-2-3-4		
14								
15								
Y-G	0V	POWER DC-		70		6-7-8-9		

CABLE CONNECTION OUTLET AREA

CAB#7	CABLE MARKER	FUNCTION	PANEL CONTROL OUTLET		JB-X-AC7		PANEL CONTROL OUTLET	
			NO OF TERMINAL BLOCK		NO OF TERMINAL BLOCK		NO OF TERMINAL BLOCK	
			TB-XA	TB-XB	TB-X1	TB-X2	TB-XC	TB-XD
1	I-008	LS-open AC#7	9		1			
2	I-009	LS-close AC#7	10		2			
3	I-010	LS-lock AC#7	11		3			
4	I-011	LS-unlock AC#7	12		4			
5	I-100	LS_Knalpot AC#7	13		5			
6	Y-007	Sol-Open AC#7		8	6			
7	Y-008	Sol-Close AC#7		9	7			
8	Y-009	Sol-Lock AC#7		10	8			
9	Y-010	Sol-Unlock AC#7		11	9			
10	Y-011	Red-Lamp AC#7		12	10			
11	Y-012	Yellow-Lamp AC#7		13	11			
12	Y-013	Green_Lamp AC#7		14	12			
13	24V	POWER DC+	MCB 24V			1-2-3-4		
14								
15								
Y-G	0V	POWER DC-		71		6-7-8-9		

CABLE CONNECTION OUTLET AREA

CAB#8	CABLE MARKER	FUNCTION	PANEL CONTROL OUTLET		JB-X-AC8		PANEL CONTROL OUTLET	
			NO OF TERMINAL BLOCK		NO OF TERMINAL BLOCK		NO OF TERMINAL BLOCK	
			TB-XA	TB-XB	TB-X1	TB-X2	TB-XC	TB-XD
1	I-000	LS-open AC#8	1		1			
2	I-001	LS-close AC#8	2		2			
3	I-002	LS-lock AC#8	3		3			
4	I-003	LS-unlock AC#8	4		4			
5	I-004	LS_Knalpot AC#8	5		5			
6	Y-000	Sol-Open AC#8		1	6			
7	Y-001	Sol-Close AC#8		2	7			
8	Y-002	Sol-Lock AC#8		3	8			
9	Y-003	Sol-Unlock AC#8		4	9			
10	Y-004	Red-Lamp AC#8		5	10			
11	Y-005	Yellow-Lamp AC#8		6	11			
12	Y-006	Green_Lamp AC#8		7	12			
13	24V	POWER DC+	MCB 24V			1-2-3-4		
14								
15								
Y-G	0V	POWER DC-		72		6-7-8-9		

CABLE CONNECTION OUTLET AREA

CAB#9	CABLE MARKER	FUNCTION	PANEL CONTROL OUTLET NO OF TERMINAL BLOCK		FROM	PANEL CONTROL OUTLET NO OF TERMINAL BLOCK	
			TB-XA	TB-XB		TB-XC	TB-XD
1	I-005	Hi-Press AC#8	6		WAGO		
2	I-006	Mid-Press AC#8	7		WAGO		
3	I-007	Lo-Press AC#7	8		WAGO		
4	I-101	Hi-Press AC#7	14		WAGO		
5	I-102	Mid-Press AC#7	15		WAGO		
6	I-103	Lo-Press AC#7	16		WAGO		
7	I-109	Hi-Press AC#6	22		WAGO		
8	I-110	Mid-Press AC#6	23		WAGO		
9	I-111	Lo-Press AC#6	24		WAGO		
10	I-205	Hi-Press AC#5	30		WAGO		
11	I-206	Mid-Press AC#5	31		WAGO		
12	I-207	Lo-Press AC#5	32		WAGO		
13	I-302	Hi-Press AC#4			WAGO	1	
14	I-303	Mid-Press AC#4			WAGO	2	
15	I-310	Lo-Press AC#4			WAGO	3	
Y-G	I-311	Hi-Press AC#3			WAGO	4	

CABLE CONNECTION OUTLET AREA

CAB#10	CABLE MARKER	FUNCTION	PANEL CONTROL OUTLET NO OF TERMINAL BLOCK		FROM	PANEL CONTROL OUTLET NO OF TERMINAL BLOCK	
			TB-XA	TB-XB		TB-XC	TB-XD
1	I-406	Mid-Press AC#3			WAGO	5	
2	I-407	Lo-Press AC#3			WAGO	6	
3	I-505	Hi-Press AC#2			WAGO	7	
4	I-506	Mid-Press AC#2			WAGO	8	
5	I-507	Lo-Press AC#2			WAGO	9	
6	I-502	Hi-Press AC#1			WAGO	10	
7	I-503	Mid-Press AC#1			WAGO	11	
8	I-504	Lo-Press AC#1			WAGO	12	
9	I-503	Open AC8	64		WAGO		
10	I-504	Close AC8	65		WAGO		
11	I-505	Open AC7	66		WAGO		
12	I-506	Close AC7	67		WAGO		
13	I-507	Open AC6	68		WAGO		
14	I-301	Close AC6	38		WAGO		
15	I-302	Open AC5	39		WAGO		
Y-G	I-303	Close AC5	40		WAGO		

CABLE CONNECTION OUTLET AREA

CAB#11	CABLE MARKER	FUNCTION	PANEL CONTROL OUTLET NO OF TERMINAL BLOCK		FROM	PANEL CONTROL INLET NO OF TERMINAL BLOCK	
			TB-XA	TB-XB		TB-XC	TB-XD
1	I-309	Open AC4	46		WAGO		
2	I-310	Close AC4	47		WAGO		
3	I-311	Open AC3	48		WAGO		
4	I-405	Close AC3	54		WAGO		
5	I-406	Open AC2	55		WAGO		
6	I-407	Close AC2	56		WAGO		
7	I-501	Open AC1	62		WAGO		
8	I-502	Close AC1	63		WAGO		
9							
10							
11							
12							
13							
14							
15							
Y-G							

CABLE CONNECTION OUTLET AREA

CAB#12	CABLE MARKER	FUNCTION	PANEL CONTROL OUTLET		TO	PANEL CONTROL NO OF TERMINAL BLOCK	
			RELAY	CONTACT		TB-XC	TB-XD
1	Y-032	Stat-Open AC#8	R1E	3 -- 4	WAGO		
2	Y-033	Stat-Close AC#8	R1F	3 -- 4	WAGO		
3	Y-034	Stat-Open AC#7	R1G	3 -- 4	WAGO		
4	Y-039	Stat-Close AC#7	R2D	3 -- 4	WAGO		
5	Y-040	Stat-Open AC#6	R2E	3 -- 4	WAGO		
6	Y-041	Stat-Close AC#6	R2F	3 -- 4	WAGO		
7	Y-046	Stat-Open AC#5	R3C	3 -- 4	WAGO		
8	Y-047	Stat-Close AC#5	R3D	3 -- 4	WAGO		
9	Y-048	Stat-Open AC#4	R3E	3 -- 4	WAGO		
10	Y-053	Stat-Close AC#4	R4B	3 -- 4	WAGO		
11	Y-054	Stat-Open AC#3	R4C	3 -- 4	WAGO		
12	Y-055	Stat-Close AC#3	R4D	3 -- 4	WAGO		
13	Y-058	Stat-Open AC#2	R8C	3 -- 4	WAGO		
14	Y-060	Stat-Close AC#2	R8E	3 -- 4	WAGO		
15	Y-061	Stat-Open AC#1	R8F	3 -- 4	WAGO		
Y-G	Y-062	Stat-Close AC#1	R8G	3 -- 4	WAGO		

CABLE CONNECTION OUTLET AREA

CAB#13	CABLE MARKER	FUNCTION	PANEL CONTROL OUTLET NO OF TERMINAL BLOK		HARD WIRE	PANEL CONTROL INLET NO OF TERMINAL BLOK	
			TB-XC	TB-XD		TB-XC	TB-XD
1	Y-032	Red-Lamp-AC#4			1 ←		1
2	Y-033	Yellow-Lamp-AC#4			2 ←		2
3	Y-034	Green-Lamp-AC#4			3 ←		3
4	Y-039	Red-Lamp-AC#3			4 ←		4
5	Y-040	Yellow-Lamp-AC#3			5 ←		5
6	Y-041	Green-Lamp-AC#3			6 ←		6
7	Y-046	Red-Lamp-AC#2			7 ←		7
8	Y-047	Yellow-Lamp-AC#2			8 ←		8
9	Y-048	Green-Lamp-AC#2			9 ←		9
10	Y-053	Red-Lamp-AC#1			10 ←		10
11	Y-054	Yellow-Lamp-AC#1			11 ←		11
12	Y-055	Green-Lamp-AC#1			12 ←		12
13							
14							
15	24V-IN	POWER			13 ←		13
Y-G	24V-OUT	POWER			14 →		14

CABLE CONNECTION OUTLET AREA

CAB#14	CABLE MARKER	FUNCTION	PANEL CONTROL OUTLET		PANEL CONTROL OUTLET NO OF TERMINAL BLOK		PANEL CONTROL INLET NO OF TERMINAL BLOK	
			RELAY	CONTACT	TB-XC	TB-XD	TB-XC	TB-XD
1	Y-004	Red-Lamp-AC#8	R1A	6 -- 5	13	→	13	
2	Y-005	Yellow-Lamp-AC#8	R1B	6 -- 5	14	→	14	
3	Y-006	Green-Lamp-AC#8	R1C	6 -- 5	15	→	15	
4	Y-011	Red-Lamp-AC#7	R2D	6 -- 5	16	→	16	
5	Y-012	Yellow-Lamp-AC#7	R2F	6 -- 5	17	→	17	
6	Y-013	Green-Lamp-AC#7	R2E	6 -- 5	18	→	18	
7	Y-018	Red-Lamp-AC#6	R3C	6 -- 5	19	→	19	
8	Y-019	Yellow-Lamp-AC#6	R3D	6 -- 5	20	→	20	
9	Y-020	Green-Lamp-AC#6	R3E	6 -- 5	21	→	21	
10	Y-025	Red-Lamp-AC#5	R4C	6 -- 5	22	→	22	
11	Y-026	Yellow-Lamp-AC#5	R4D	6 -- 5	23	→	23	
12	Y-027	Green-Lamp-AC#5	R4E	6 -- 5	24	→	24	
13								
14								
15								
Y-G								

CABLE CONNECTION OUTLET AREA

CAB#15	CABLE MARKER	FUNCTION	PANEL CONTROL OUTLET		PANEL CONTROL OUTLET NO OF TERMINAL BLOCK		PANEL CONTROL INLET NO OF TERMINAL BLOCK	
			RELAY	CONTACT	TB-XC	TB-XD	TB-XA	TB-XB
1	I-302	Hi-Press AC#4			1	—————	> 39	
2	I-303	Mid-Press AC#4			2	—————	> 40	
3	I-310	Lo-Press AC#4			3	—————	> 47	
4	I-311	Hi-Press AC#3			4	—————	> 48	
5	I-406	Mid-Press AC#3			5	—————	> 54	
6	I-407	Lo-Press AC#3			6	—————	> 55	
7	I-505	Hi-Press AC#2			7	—————	> 63	
8	I-506	Mid-Press AC#2			8	—————	> 64	
9	I-507	Lo-Press AC#2			9	—————	> 65	
10	I-502	Hi-Press AC#1			10	—————	> 66	
11	I-503	Mid-Press AC#1			11	—————	> 67	
12	I-504	Lo-Press AC#1			12	—————	> 68	
13								
14								
15								
Y-G								

PART LIST

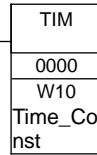
NO	PART DESCRIPTION	BRAND	TYPE	QTY	
1	PLC Control	Omron	CP1L-EM40EDT	1	Unit
2	Expand Modul	Omron	CP1W-E40DT	2	Unit
3	Expand Modul	Omron	CP1W-E16T	1	Unit
4	Power Supply In 220Vac - Out 24Vdc	Omron	S8JX-24V	1	Unit
5	Relay + Socket	Omron	G2R-2-SN	60	Set
6	Relay + Socket	Omron	MY2	2	Set
7	Kontaktor	Schneider	LC1D-12	1	Pcs
8	OverLoad	Schneider	LRD-12	1	Pcs
9	MCB 3P 25A	Schneider		1	Pcs
10	MCB 1P 6A	Schneider		2	Pcs
11	Terminal Block	Fort	UKK-3N	125	Pcs
12	Cable	Delta	NYYHY 16c X 0,75mm	350	Meter
13	Cable	Jembo	NYYHY 3c X 0,75mm	200	Meter
14	Cable	Federal	NYAF 0,75mm	200	Meter
15	Cable	Jembo	NYYHY 4c X 2,5mm	5	Meter
16	Limit Switch	Fort	TZ-8108	32	Pcs
17	Tower Lamp	Hanyoung	TN-24-3	8	Pcs

[Program Name : Autoclave_Interlock]

[Section Name : Timing_And_Init]

000000
(000000)

T0001



[OP1]
<T0000(bit)>
a002
[OP2]
<cW010>
c004 c006

000001
(000002)

T0000



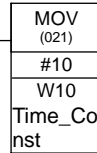
init
<W001.00>
a097 a103 a109
a173 a179 a185
a249 a255 a261
a325 a331 a337

000002
(000005)

A200.11



P_First_Cycle
First Cycle Flag



[OP1]
[OP2]
<cW010>
c001 c004

000003
(000008)

Q: 100.01



Sol_Close_AC_8



100.01

Q: 101.00



Sol_Close_AC_7



101.00

Q: 101.07



Sol_Close_AC_6



102.06

Sol_Close_AC_5



103.05

Sol_Close_AC_4



104.04

Sol_Close_AC_3

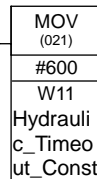


105.03

Sol_Close_AC_2



106.02



[OP1]
[OP2]
<cW011>
c119 c195 c271
c347 c405 c463
c521 c579

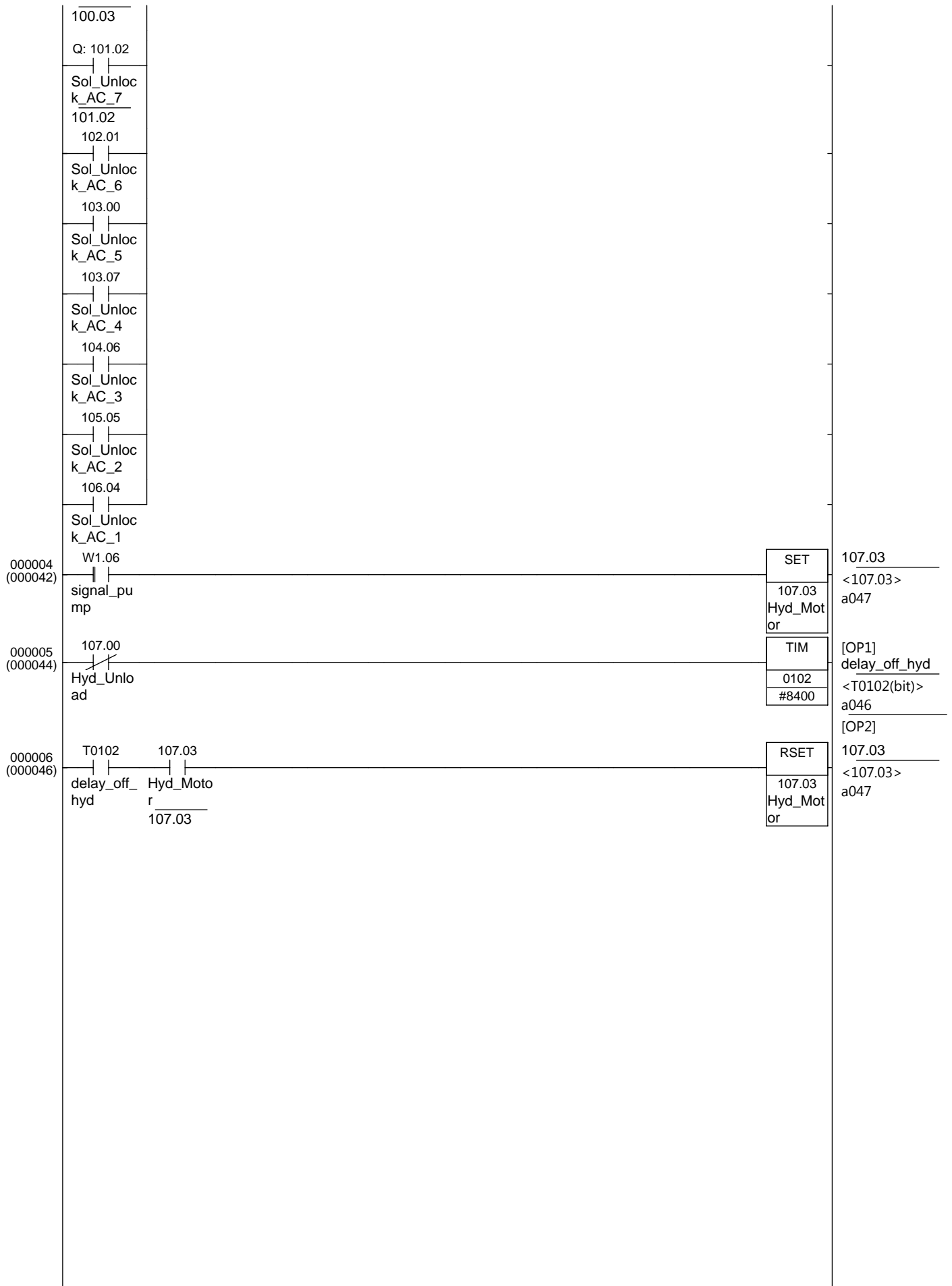


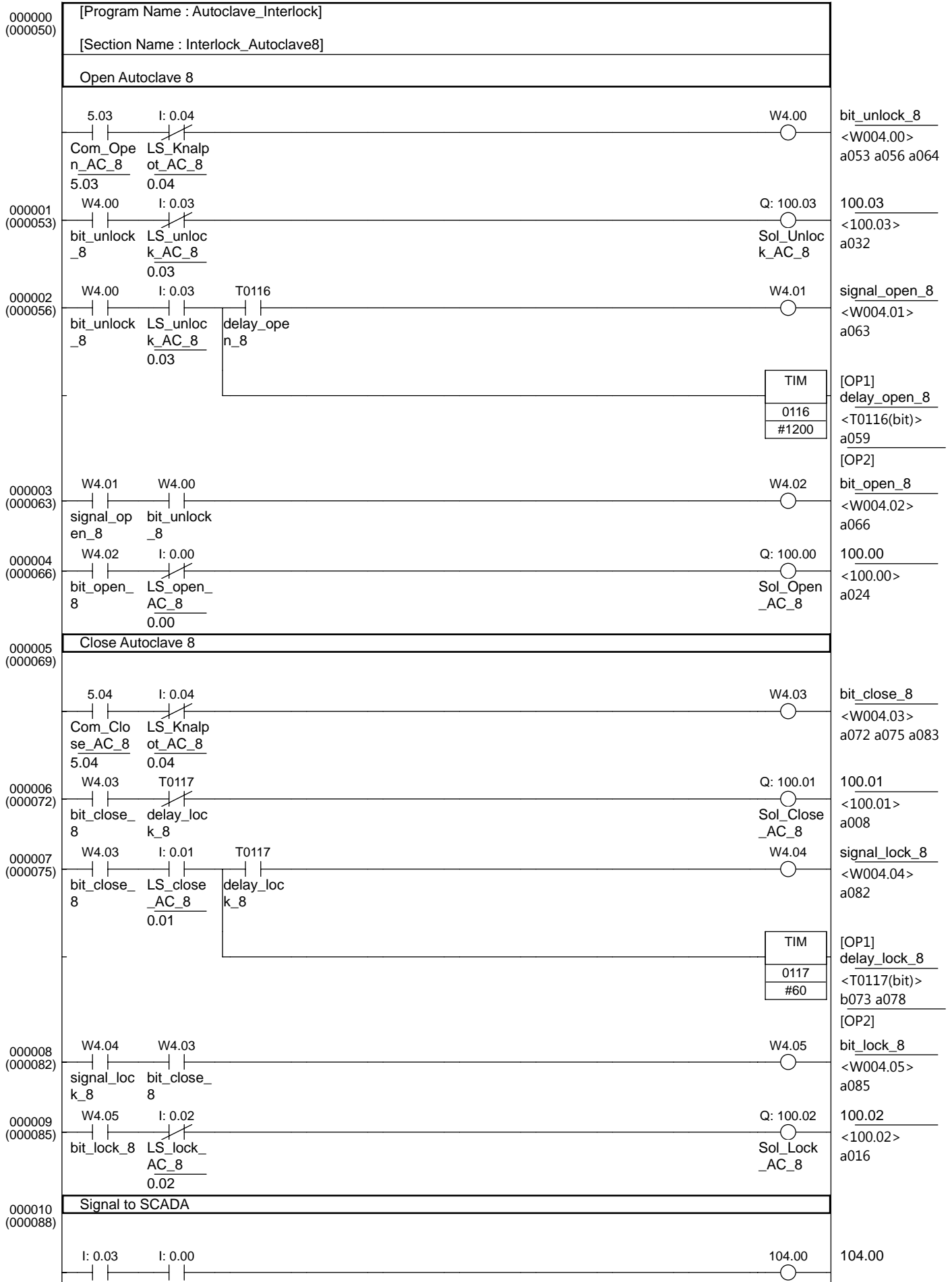
<107.00>
b044

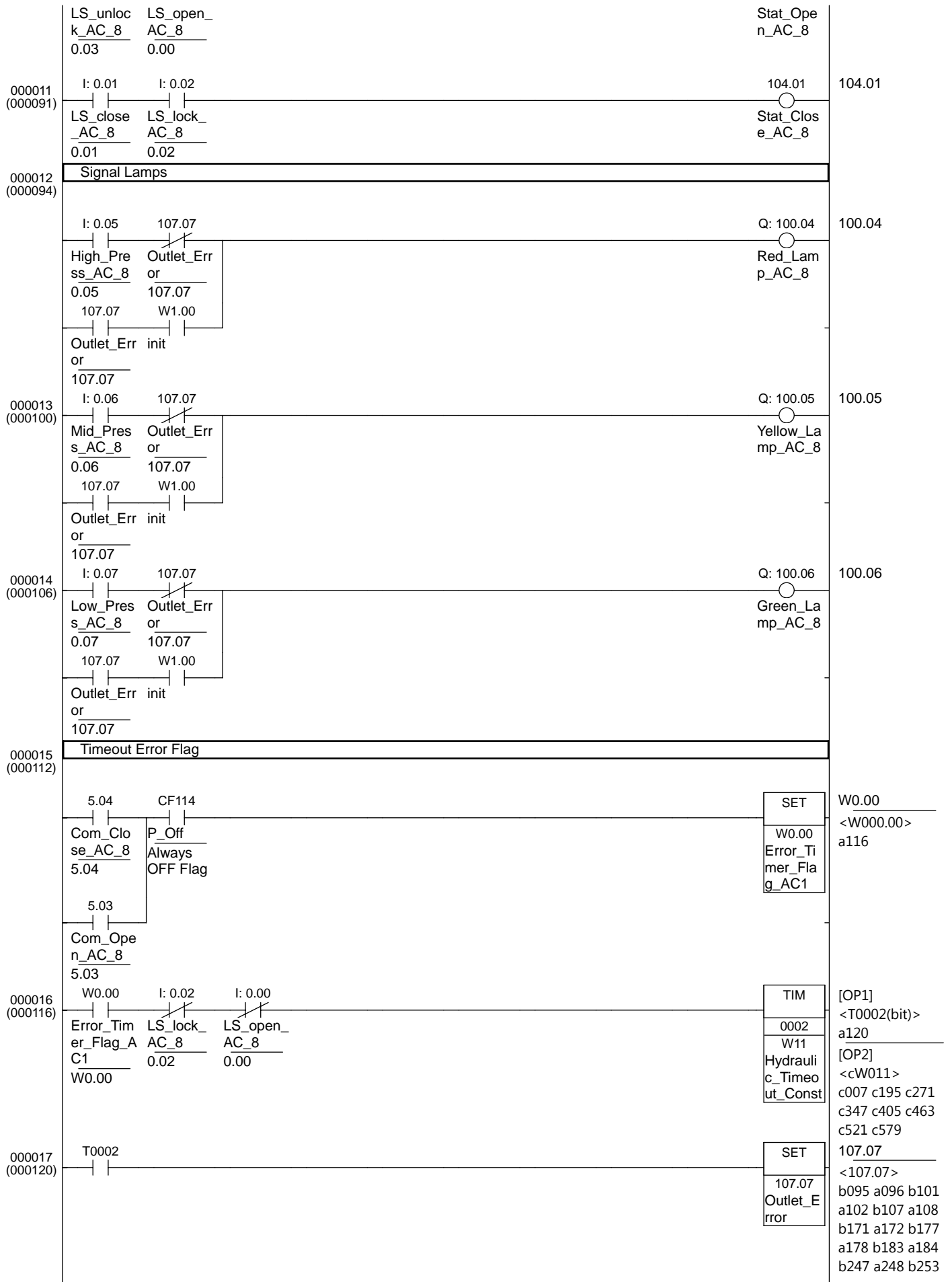


signal_pump
<W001.06>
a042

Sol_Close _AC_1 Q: 100.02
Sol_Lock _AC_8 100.02 Q: 101.01
Sol_Lock _AC_7 102.00
Sol_Lock _AC_6 102.07
Sol_Lock _AC_5 103.06
Sol_Lock _AC_4 104.05
Sol_Lock _AC_3 105.04
Sol_Lock _AC_2 106.03
Sol_Lock _AC_1 Q: 100.00
Sol_Open _AC_8 100.00 Q: 100.07
Sol_Open _AC_7 100.07 Q: 101.06
Sol_Open _AC_6 102.05
Sol_Open _AC_5 103.04
Sol_Open _AC_4 104.03
Sol_Open _AC_3 105.02
Sol_Open _AC_2 106.01
Sol_Open _AC_1 Q: 100.03
Sol_Unlock _AC_8







000018
(000122)

5.08
Reset_Error
5.08

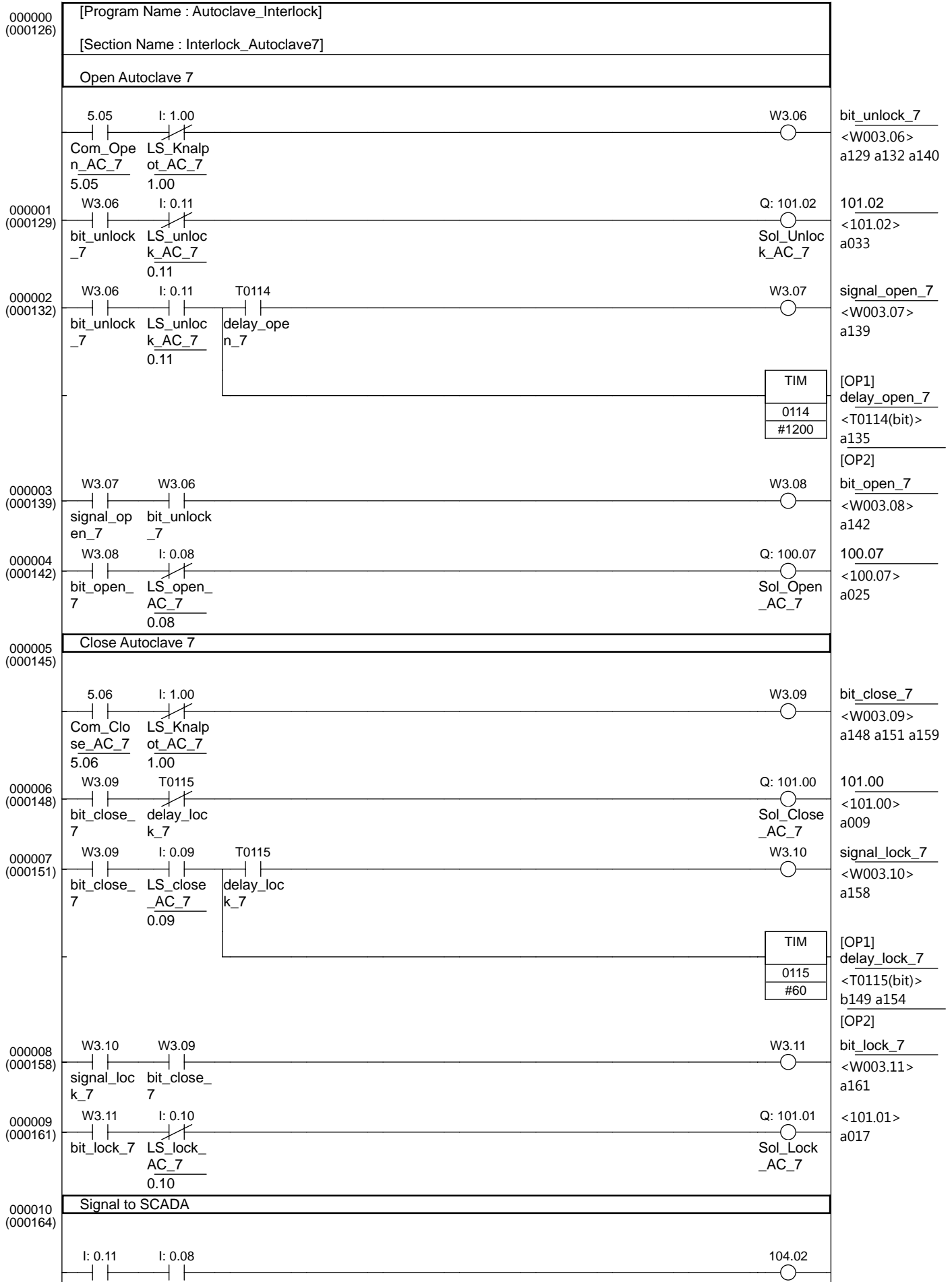
RSET
107.07
Outlet_Error

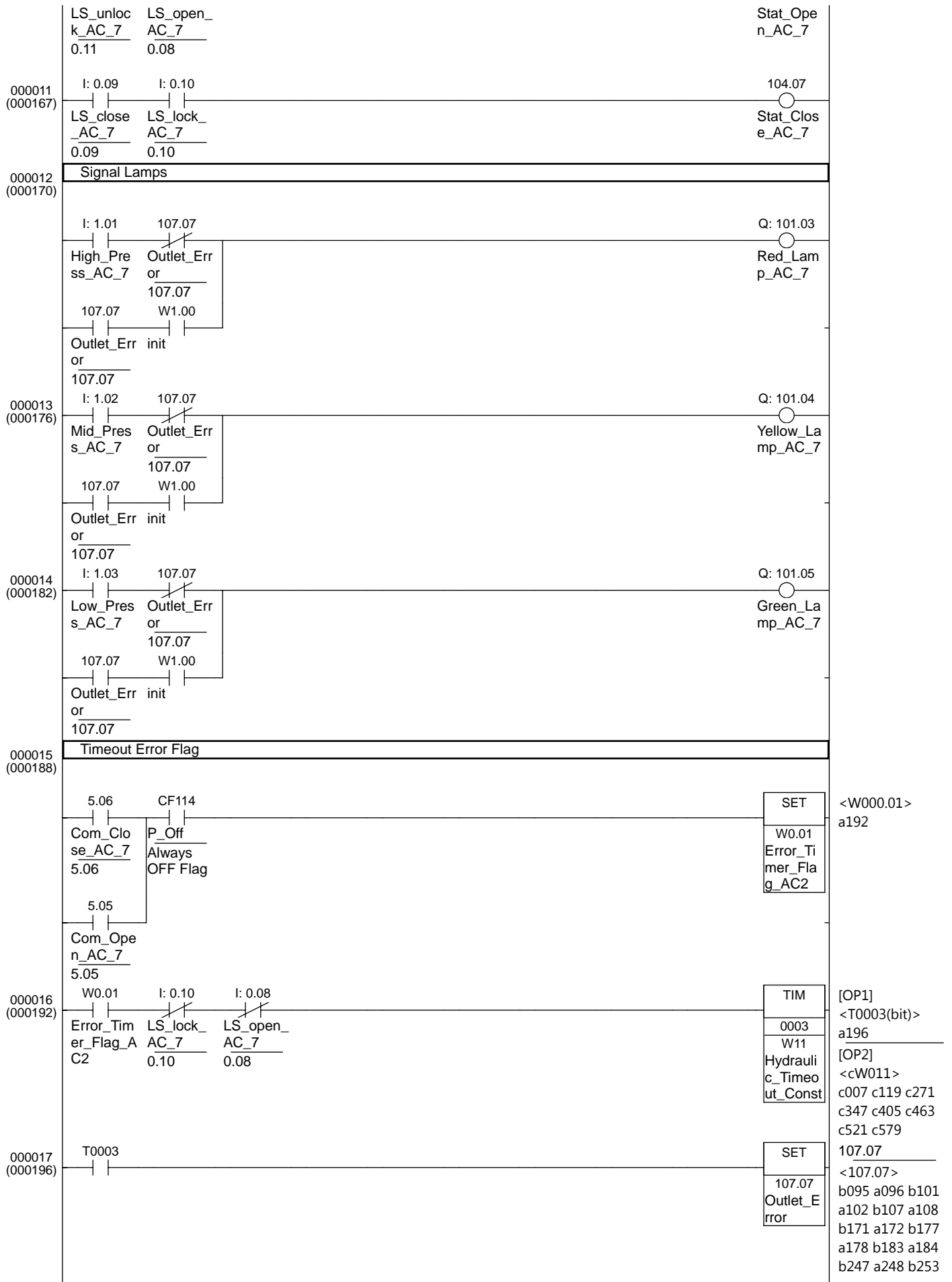
RSET
W0.00
Error_Timer_Flag_AC1

a254 b259 a260
b323 a324 b329
a330 b335 a336

107.07
<107.07>
b095 a096 b101
a102 b107 a108
b171 a172 b177
a178 b183 a184
b247 a248 b253
a254 b259 a260
b323 a324 b329
a330 b335 a336

W0.00
<W000.00>
a116





000018
(000198)

5.08
Reset_Error
5.08

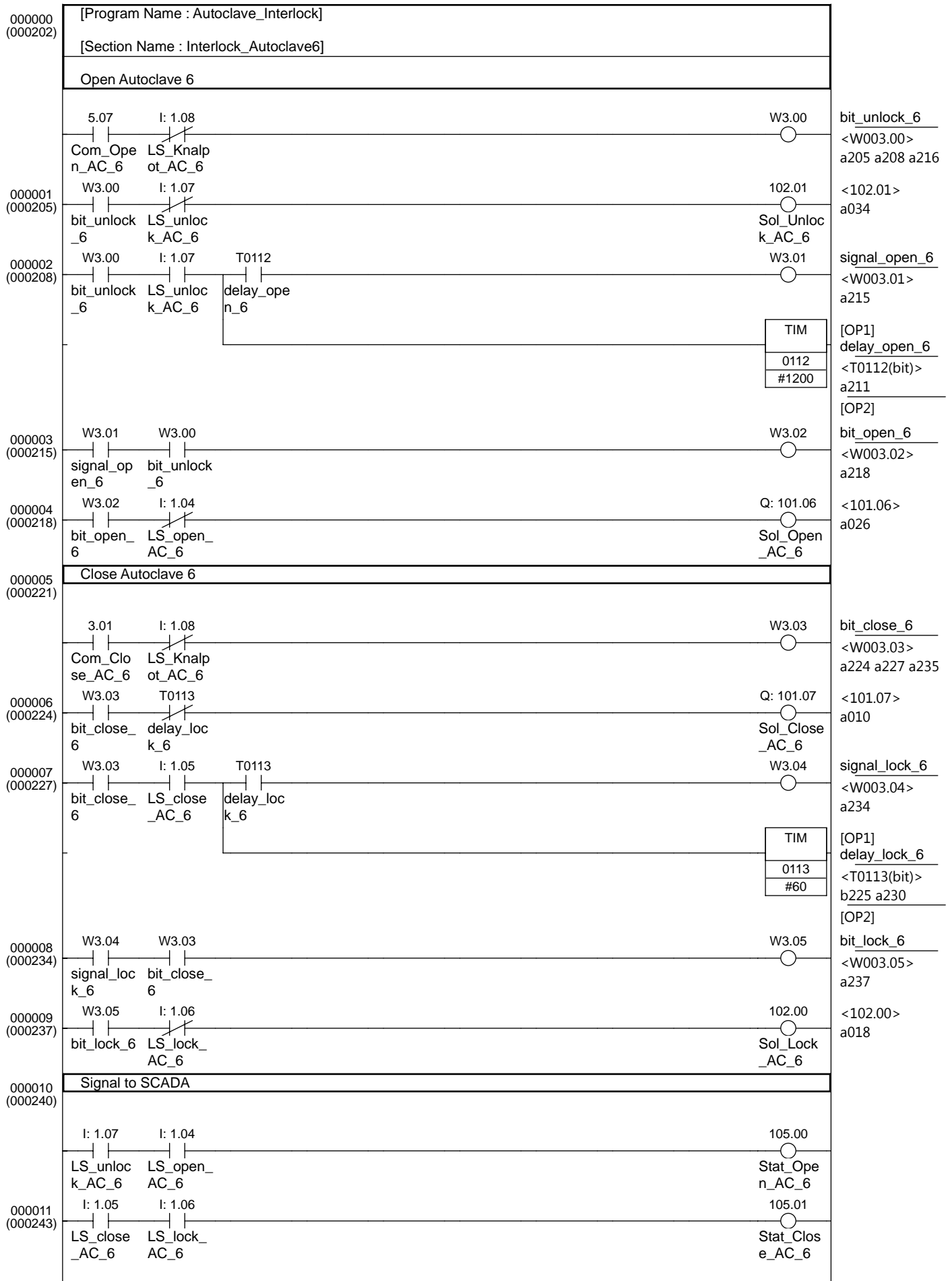
RSET
107.07
Outlet_Error

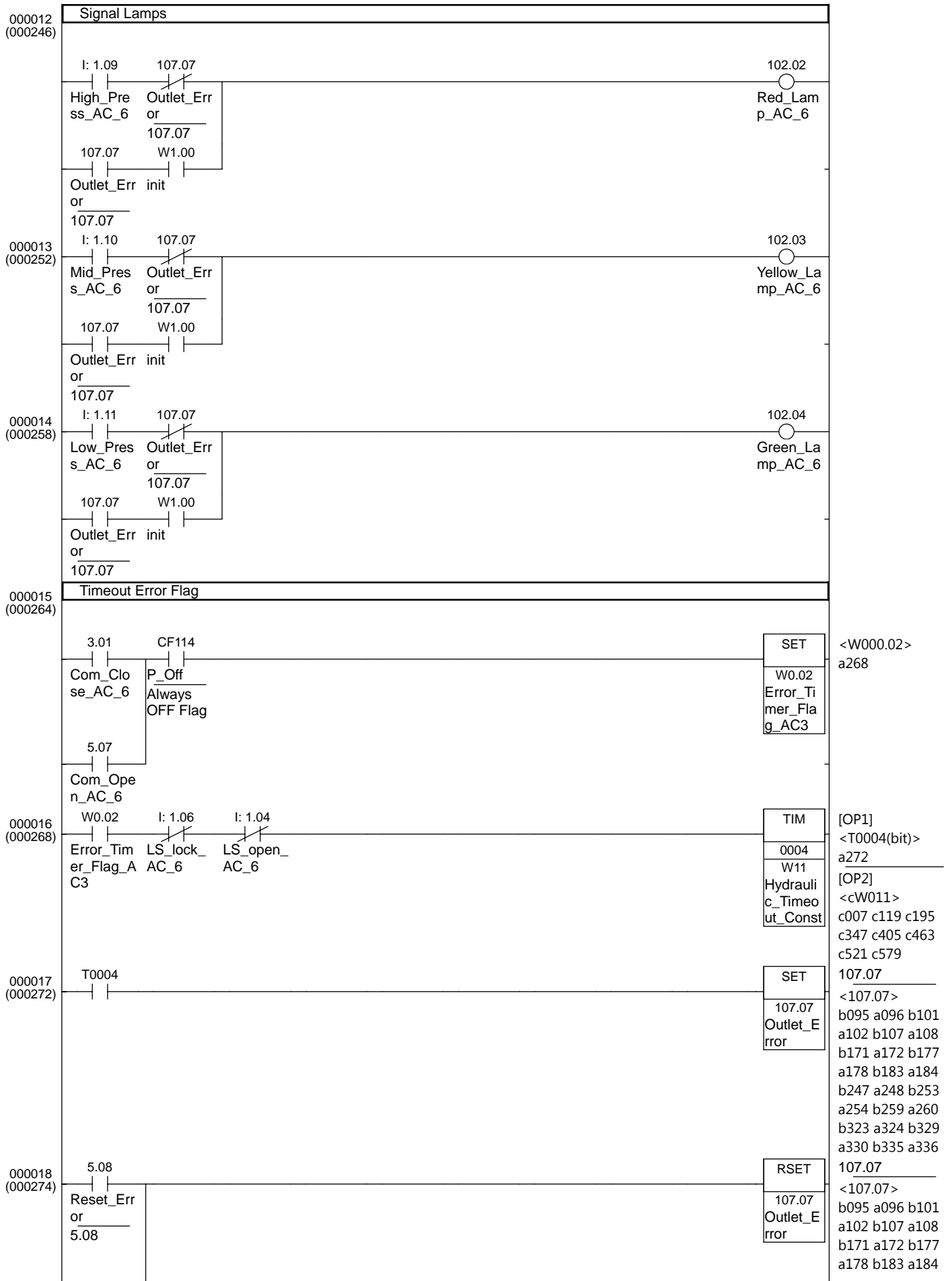
RSET
W0.01
Error_Timer_Flag_AC2

a254 b259 a260
b323 a324 b329
a330 b335 a336

107.07
<107.07>
b095 a096 b101
a102 b107 a108
b171 a172 b177
a178 b183 a184
b247 a248 b253
a254 b259 a260
b323 a324 b329
a330 b335 a336

<W000.01>
a192

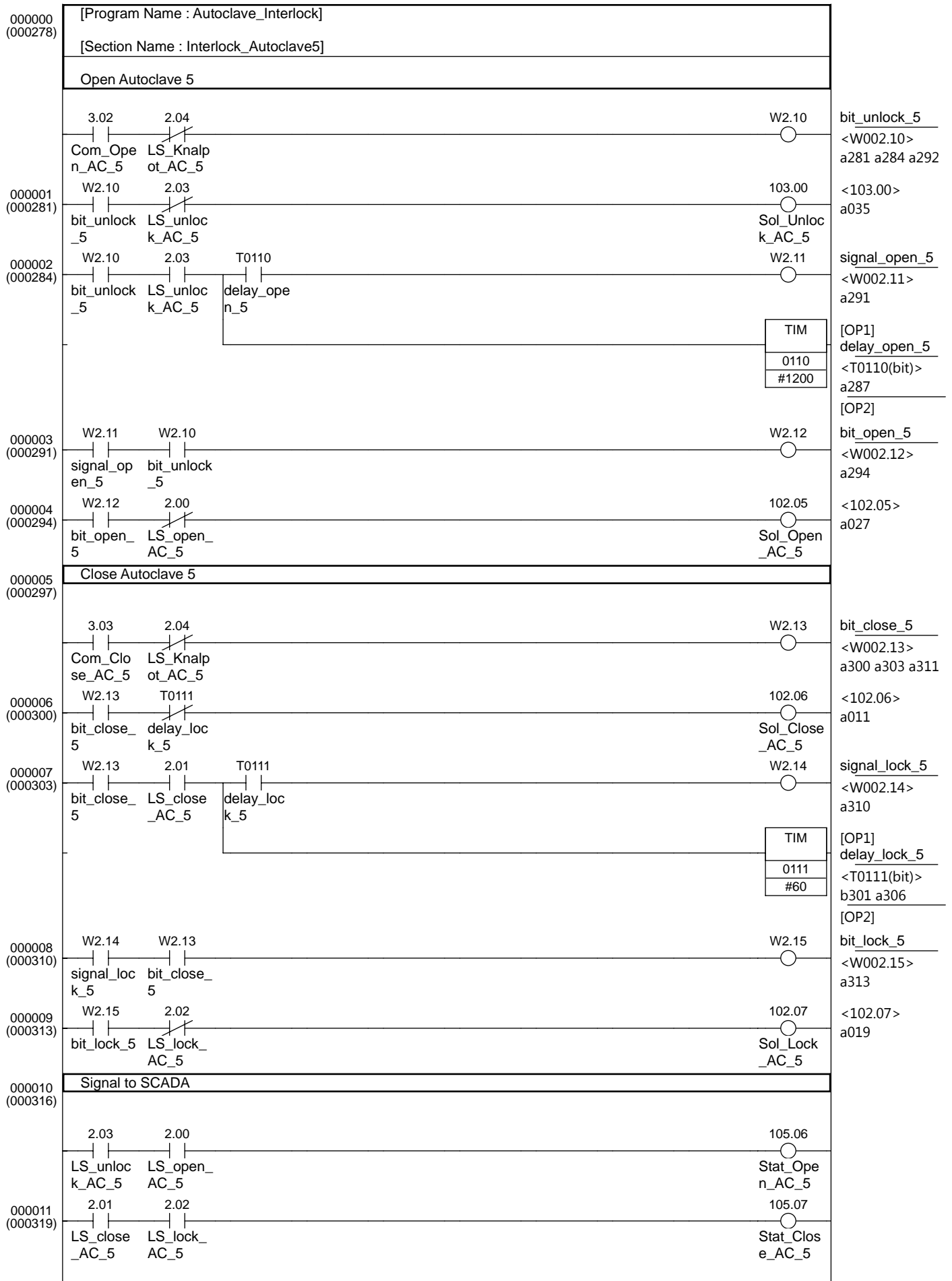


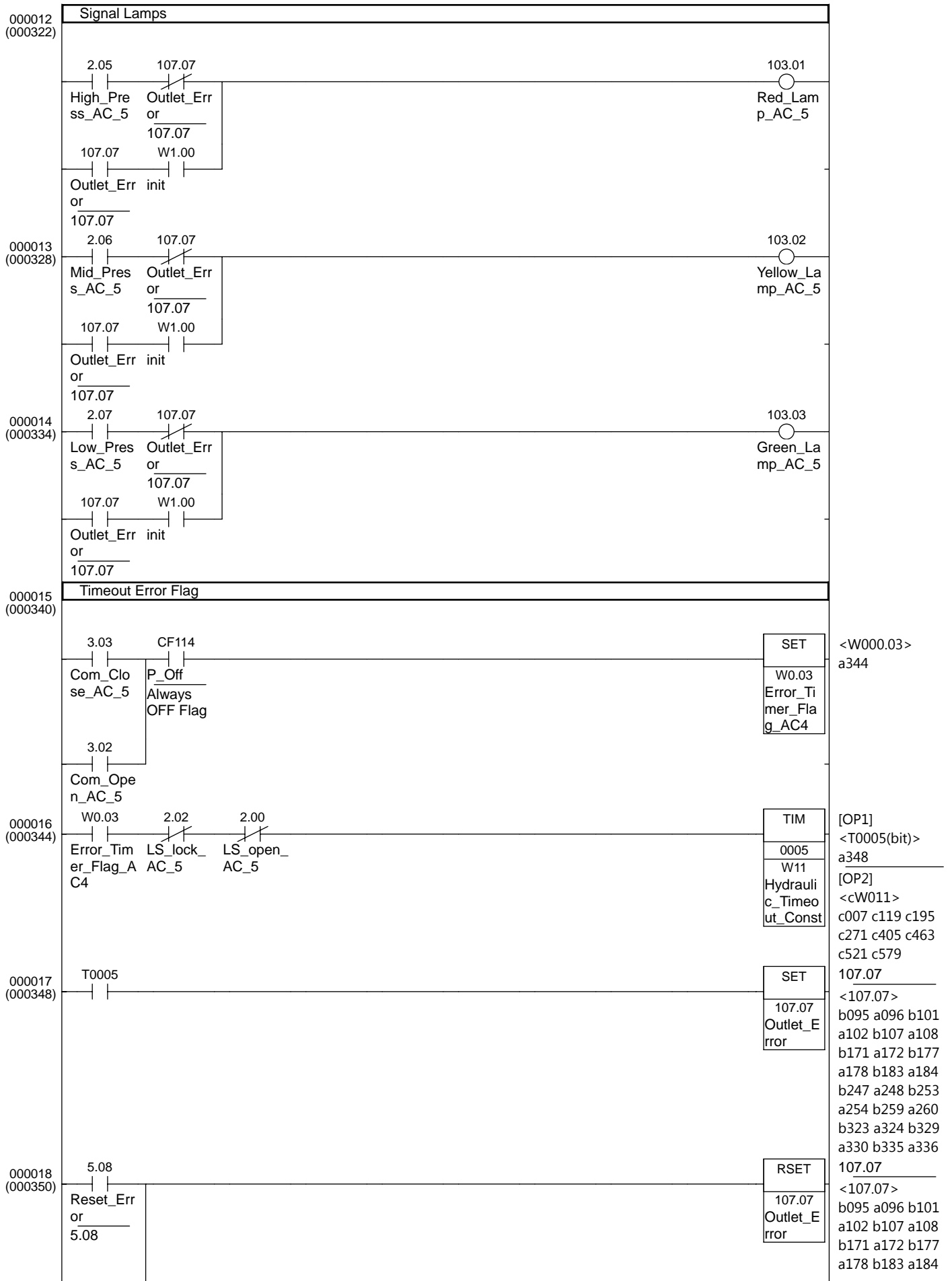


b247 a248 b253
a254 b259 a260
b323 a324 b329
a330 b335 a336

RSET
W0.02 Error_Ti mer_Fla g_AC3

<W000.02>
a268

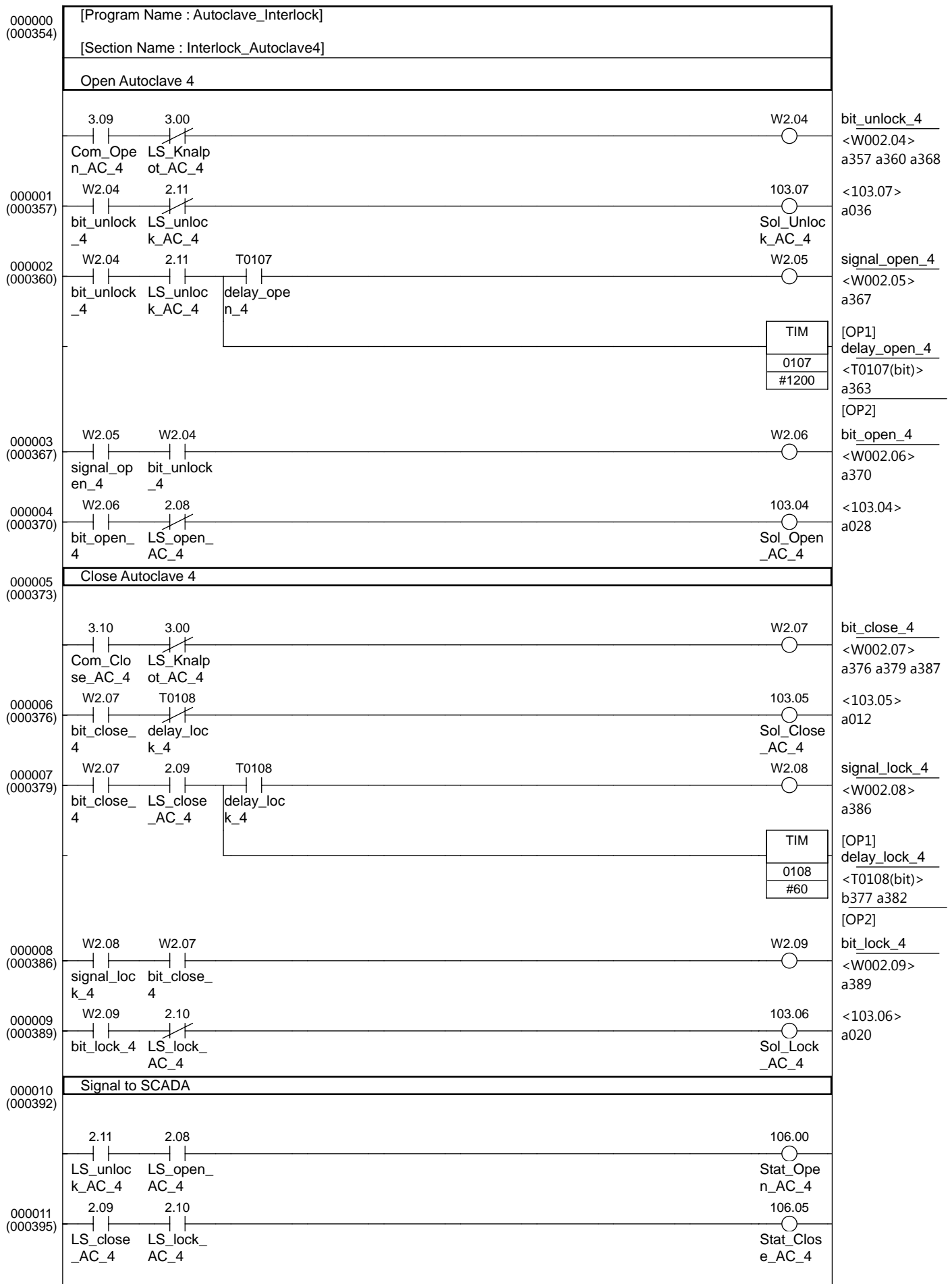




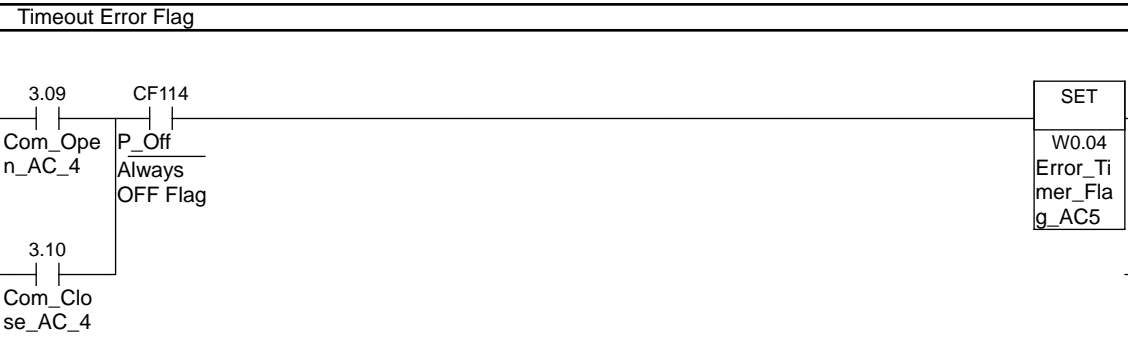
b247 a248 b253
a254 b259 a260
b323 a324 b329
a330 b335 a336

RSET
W0.03 Error_Ti mer_Fla g_AC4

<W000.03>
a344

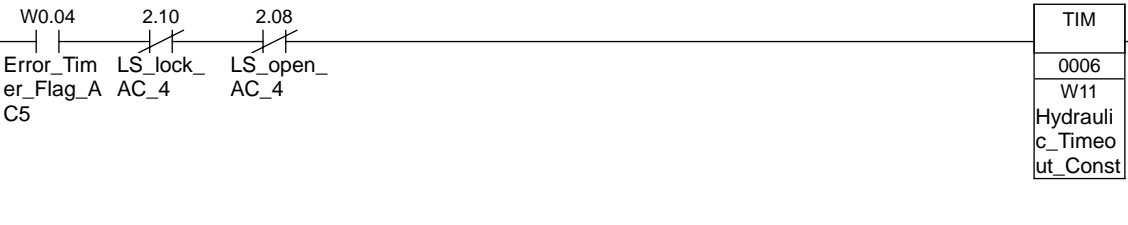


000012
(000398)



<W000.04>
a402

000013
(000402)



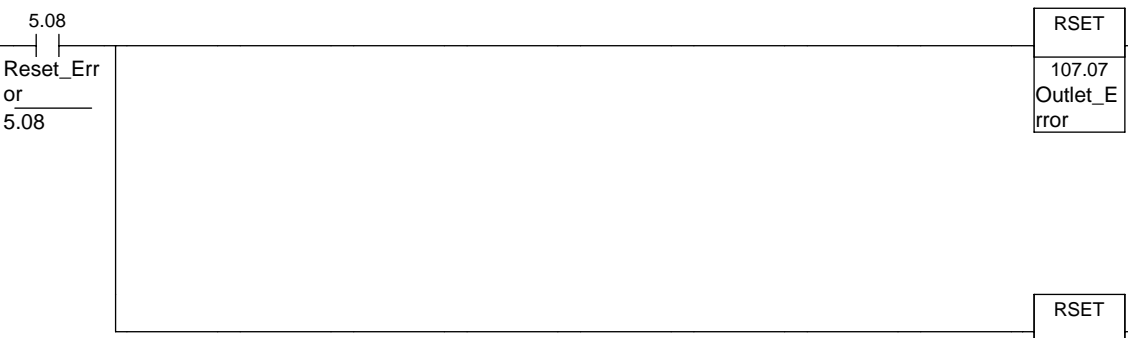
[OP1]
<T0006(bit)>
a406
[OP2]
<cW011>
c007 c119 c195
c271 c347 c463
c521 c579

000014
(000406)



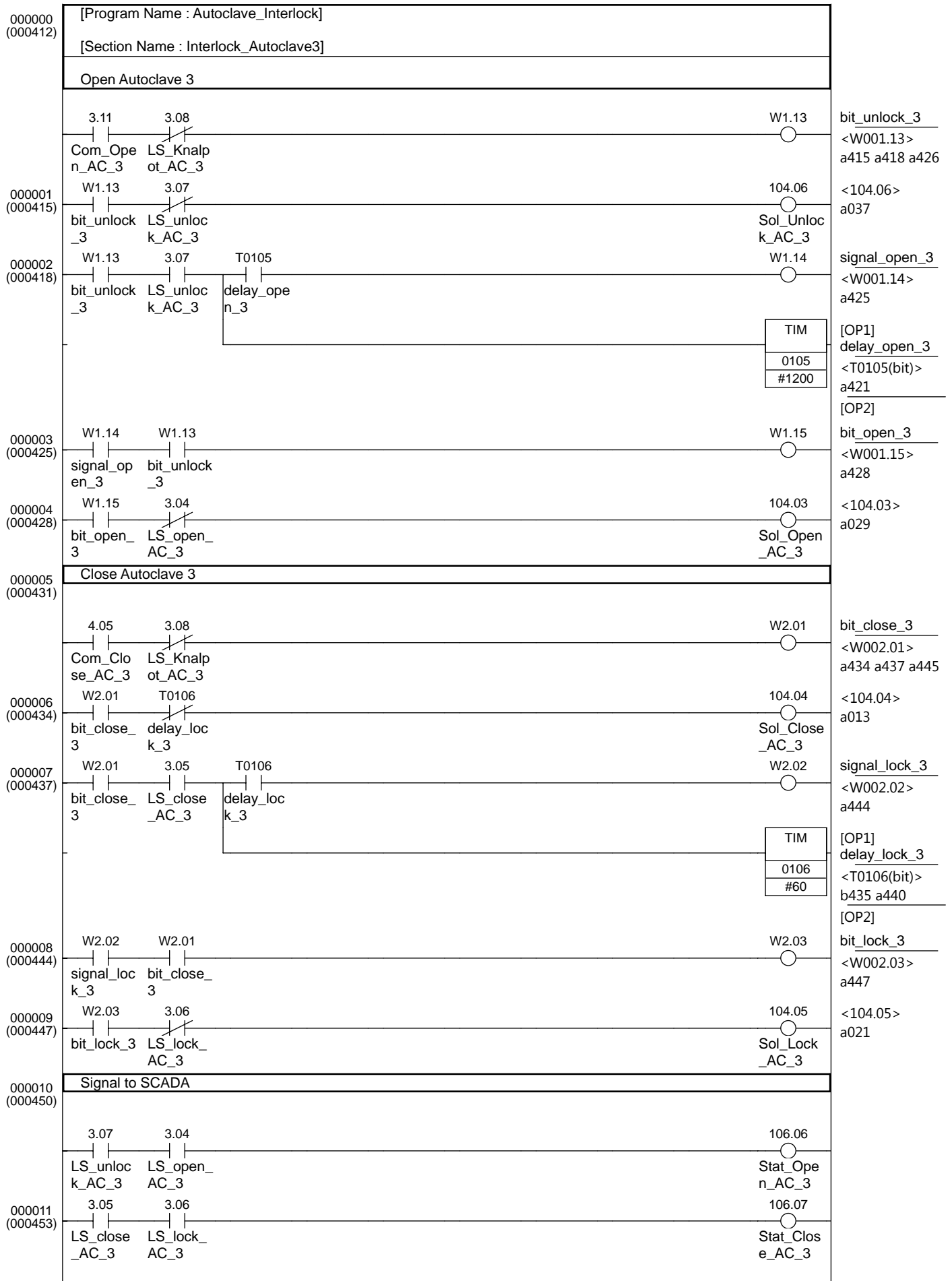
107.07
<107.07>
b095 a096 b101
a102 b107 a108
b171 a172 b177
a178 b183 a184
b247 a248 b253
a254 b259 a260
b323 a324 b329
a330 b335 a336

000015
(000408)

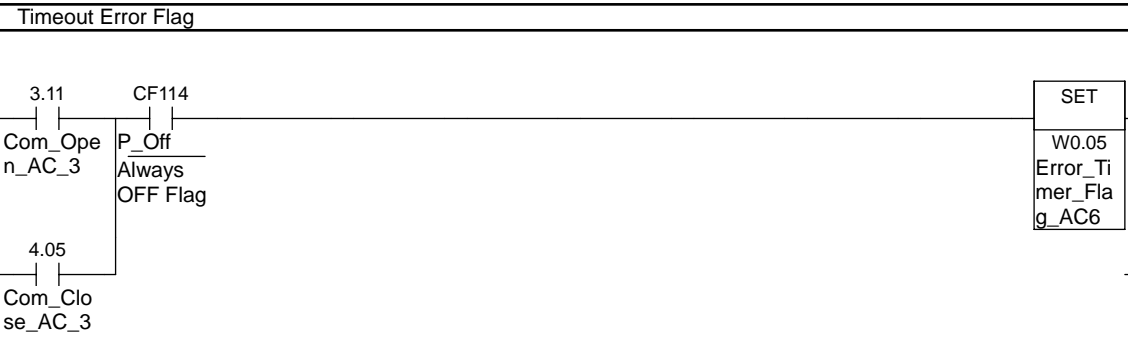


107.07
<107.07>
b095 a096 b101
a102 b107 a108
b171 a172 b177
a178 b183 a184
b247 a248 b253
a254 b259 a260
b323 a324 b329
a330 b335 a336

RSET
<W000.04>
a402
W0.04 Error_Timer_Flag_AC5

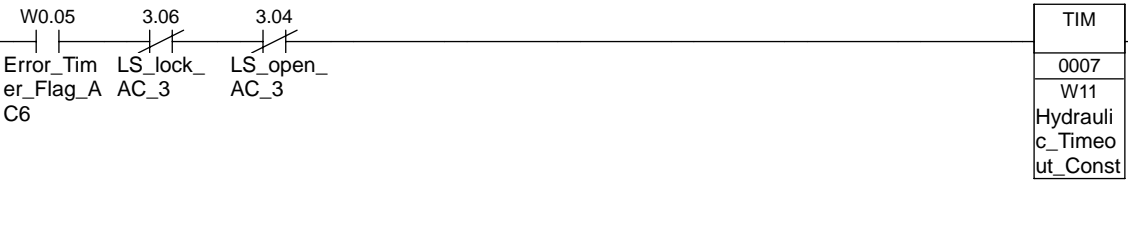


000012
(000456)



SET <W000.05>
a460
W0.05
Error_Timer_Flag_AC6

000013
(000460)



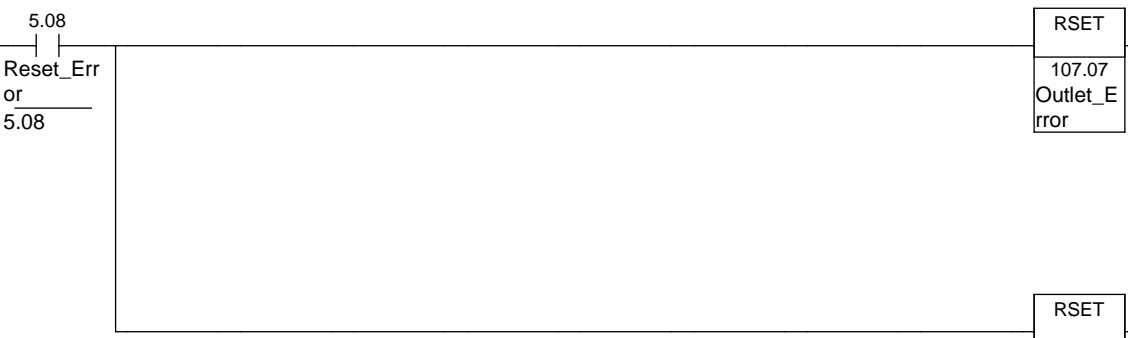
TIM [OP1]
0007 <T0007(bit)>
a464
W11 [OP2]
Hydraulic_Timeout_Const <cW011>
c007 c119 c195
c271 c347 c405
c521 c579

000014
(000464)

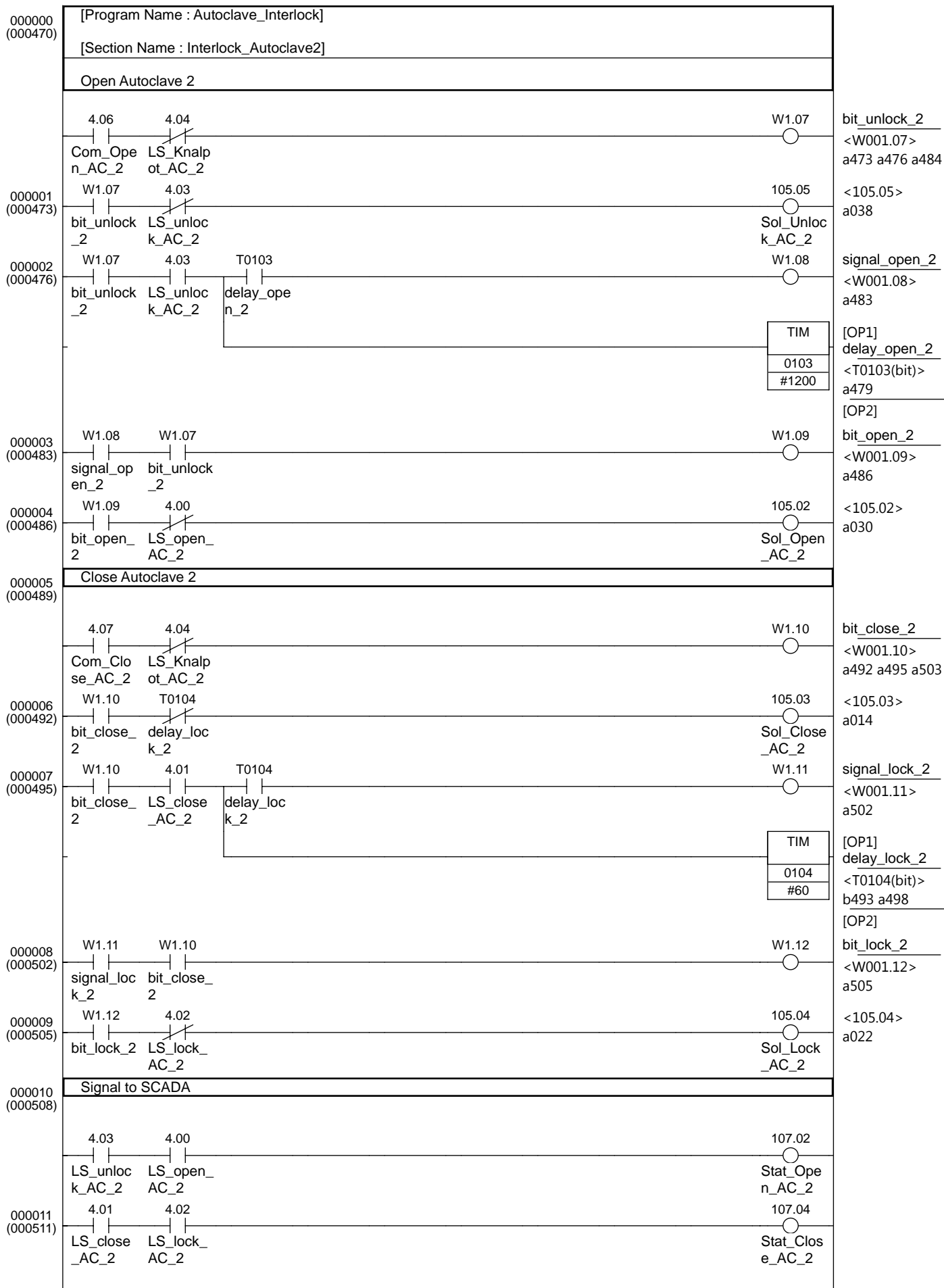


SET 107.07
<107.07>
107.07
Outlet_Error

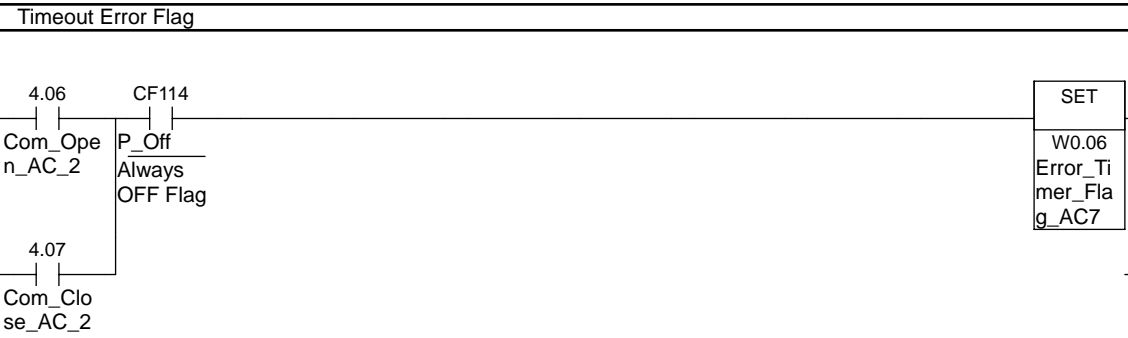
000015
(000466)



RSET 107.07
<107.07>
107.07
Outlet_Error
RSET <W000.05>
a460
W0.05
Error_Timer_Flag_AC6



000012
(000514)



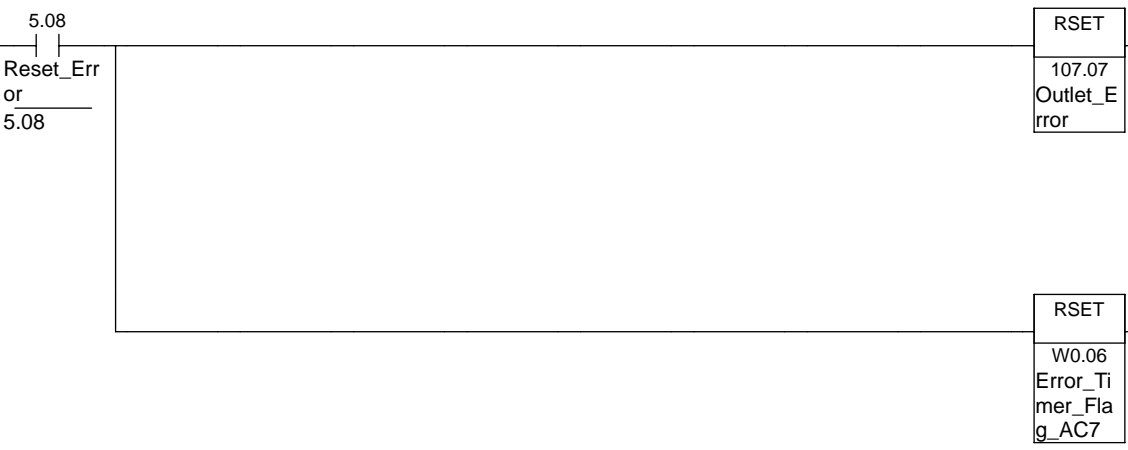
000013
(000518)

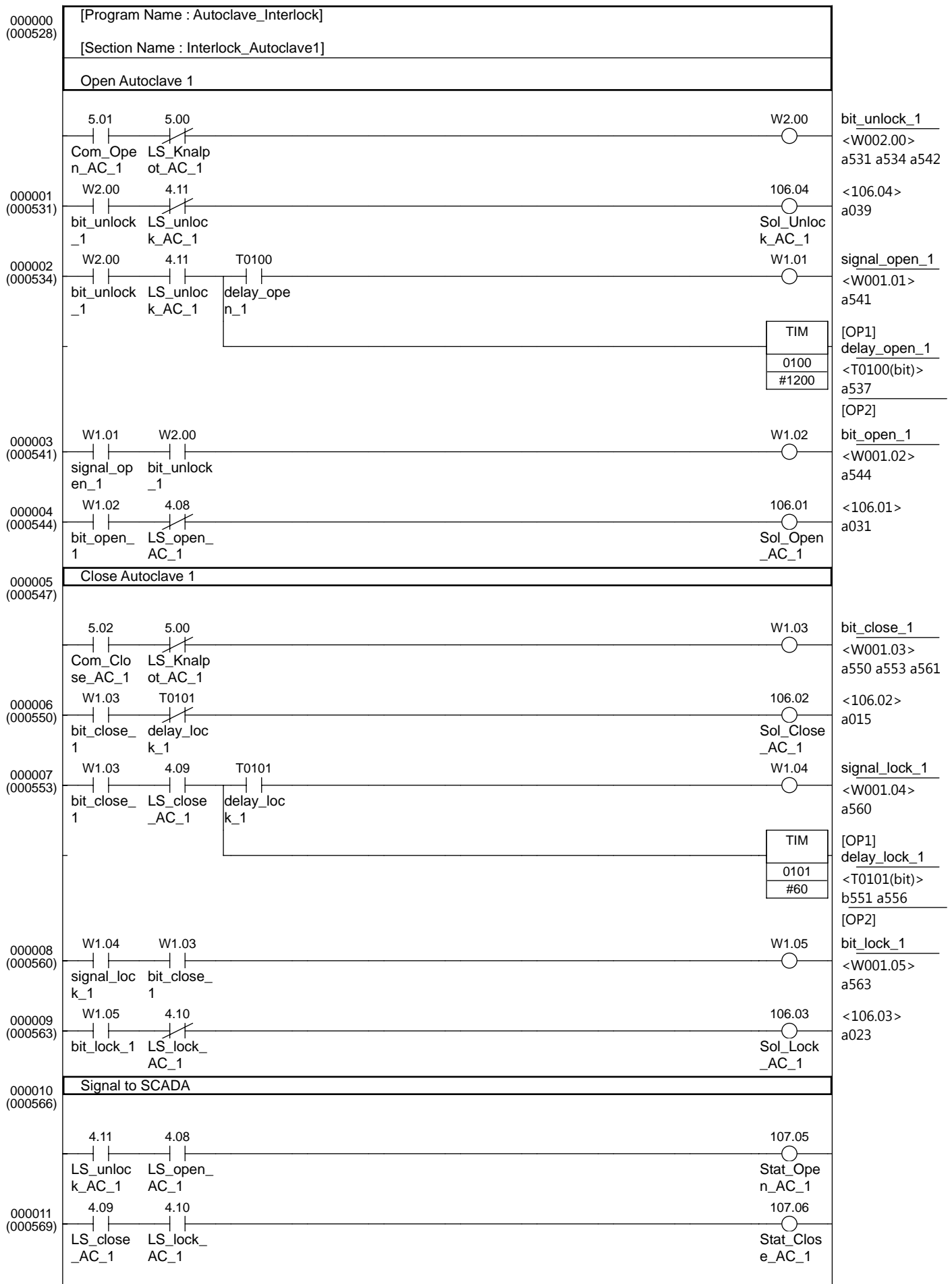


000014
(000522)

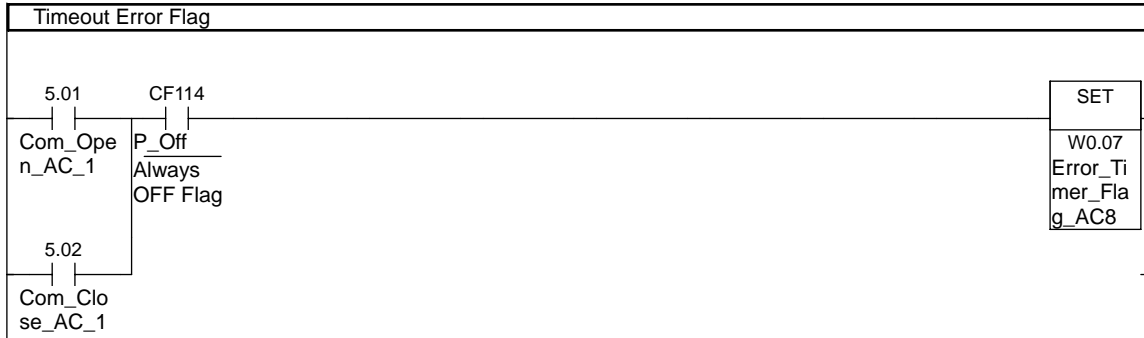


000015
(000524)



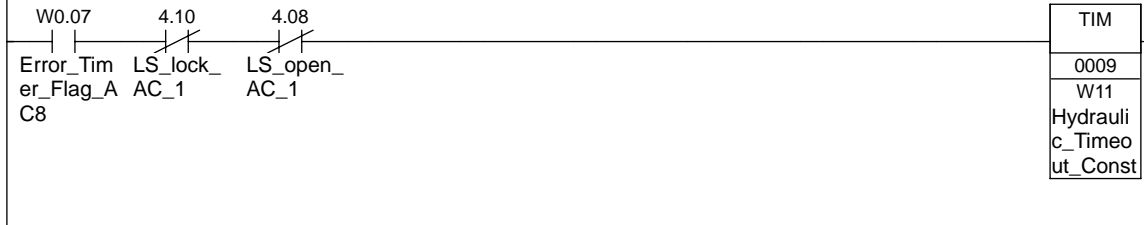


000012
(000572)



SET
<W000.07>
a576
W0.07
Error_Timer_Flag_AC8

000013
(000576)



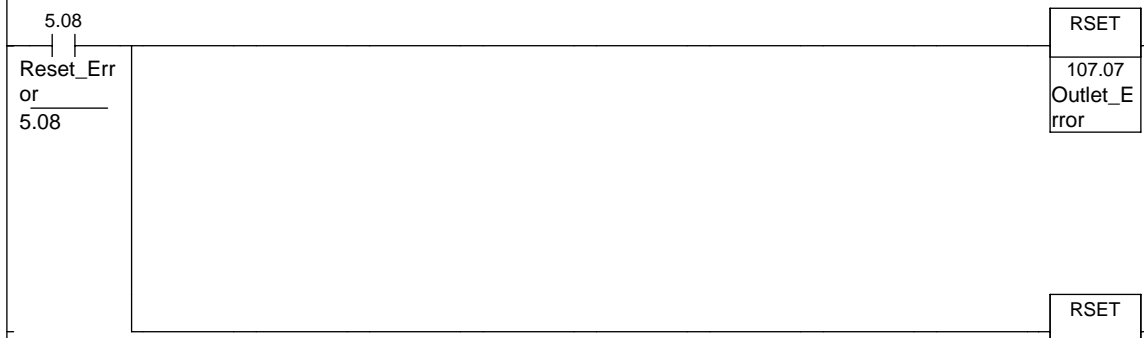
TIM
[OP1]
<T0009(bit)>
a580
W11
Hydraulic_Timeout_Const

000014
(000580)



SET
107.07
<107.07>
107.07
Outlet_Error

000015
(000582)



RSET
107.07
<107.07>
107.07
Outlet_Error
RSET
<W000.07>
a576
W0.07
Error_Timer_Flag_AC8

[Program Name : Autoclave_Interlock]

[Section Name : END]

000000
(000586)

END
(001)