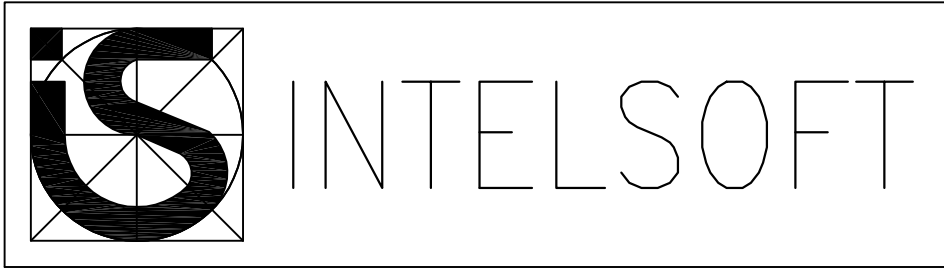


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SECTION	COVER PAGE
DOC. TYPE	MAERZ – CABINET LAYOUT

CLIENT

ASCC

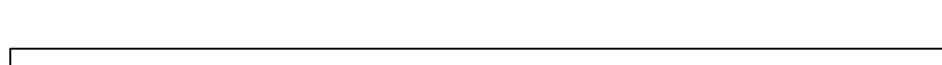


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FILE NAME	ASCC_MRZ-2102-001			
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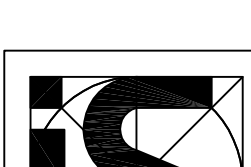

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B									
C									
D									
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F									

Sheet	Description	REVISION				
		0	1	2	3	4
1	COVER	X				
2	INDEX 1/2	X				
3	INDEX 2/2	X				
4						
5						
6	BILL OF MATERIALS	X				
7						
8						
9						
10						
11						
12	PLC CABINET INTERNAL LAYOUT	X				
13	POWER SUPPLY	X				
14						
15	RACK 01 – POWER SUPPLY 24V CONNECTIONS	X				
16	RACK 02 – POWER SUPPLY 24V CONNECTIONS	X				
17	RACK 03 – POWER SUPPLY 24V CONNECTIONS	X				
18	RACK 04 – POWER SUPPLY 24V CONNECTIONS	X				
19						
20	DIGITAL INPUT MODULE TYPICAL WIRING	X				
21	DIGITAL OUTPUT MODULE TYPICAL WIRING	X				
22	ANALOG INPUT MODULE TYPICAL WIRING	X				
23	ANALOG OUTPUT MODULE TYPICAL WIRING	X				
24						
25						



Sheet	Description	REVISION				
		0	1	2	3	4
26	DI01 – WIRING DIAGRAM DIGITAL INPUT	X				
27	DI02 – WIRING DIAGRAM DIGITAL INPUT	X				
28	DI03 – WIRING DIAGRAM DIGITAL INPUT	X				
29	DI04 – WIRING DIAGRAM DIGITAL INPUT	X				
30	DI05 – WIRING DIAGRAM DIGITAL INPUT	X				
31	DI06 – WIRING DIAGRAM DIGITAL INPUT	X				
32	DI07 – WIRING DIAGRAM DIGITAL INPUT	X				
33	DI08 – WIRING DIAGRAM DIGITAL INPUT	X				
34	DI09 – WIRING DIAGRAM DIGITAL INPUT	X				
35	DI10 – WIRING DIAGRAM DIGITAL INPUT	X				
36	DI11 – WIRING DIAGRAM DIGITAL INPUT	X				
37	DI12 – WIRING DIAGRAM DIGITAL INPUT	X				
38	DI13 – WIRING DIAGRAM DIGITAL INPUT	X				
39						
40						
41						
42						
43	DO01 – WIRING DIAGRAM DIGITAL OUTPUT	X				
44	DO02 – WIRING DIAGRAM DIGITAL OUTPUT	X				
45	DO03 – WIRING DIAGRAM DIGITAL OUTPUT	X				
46	DO04 – WIRING DIAGRAM DIGITAL OUTPUT	X				
47	DO05 – WIRING DIAGRAM DIGITAL OUTPUT	X				
48	DO06 – WIRING DIAGRAM DIGITAL OUTPUT	X				
49	DO07 – WIRING DIAGRAM DIGITAL OUTPUT	X				
50	DO08 – WIRING DIAGRAM DIGITAL OUTPUT	X				

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		SECTION	INDEX 2/2		DWG. N.	ASCC_MRZ-2102			
		DOC. TYPE	MAERZ – CABINET LAYOUT		FILE NAME	ASCC_MRZ-2102-003			
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		B	ITEM	Qty	PART ID	DESCRIPTION				
			1	4	6ES7390-1AF30-0AA0	SIMATIC S7-300, MOUNTING RAIL L=530MM				
			2							
	C		3	4	6ES7307-1KA01-0AA0	SIMATIC S7-300 POWER SUPPLY PS 307, 120/230 V AC; 24 V DC, 10A				
		4								
		5	1	6ES7315-2AG10-0AB0	SIMATIC S7-300 CPU 315-2DP, 128KBYTE RAM					
		6	1	6ES7953-8LG11-0AA0	SIMATIC S7, MICRO MEMORY CARD FOR S7-300, 128 KBYTES					
	D	7								
		8	1	6GK7343-1CX00-0XE0	SIMATIC NET, CP 343-1 LEAN COMMUNICATIONS PROCESSOR FOR ETHERNET					
		9								
		10	3	6ES7153-1AA03-0XB0	SIMATIC DP, ET 200M PERIPHERAL SYSTEM, S7-300 UNIT					
	E	11								
		12	4	6ES7331-7KF02-0AB0	SIMATIC S7-300, ANALOG INPUT UNIT SM 331, 8 CHANNELS					
		13	1	6ES7332-5HF00-0AB0	SIMATIC S7-300 ANALOG OUTPUT UNIT SM 332 , 8 CHANNELS					
		14	13	6ES7321-1BL00-0AA0	SIMATIC S7-300, DIGITAL INPUT UNIT SM 321, WITH VOLTAGE SEPARATION 32DI, DC 24V (1 X 32 DI)					
	F	15	9	6ES7322-1BL00-0AA0	SIMATIC S7-300, DIGITAL OUTPUT UNIT SM 322, WITH VOLTAGE SEPARATION 32DO, DC 24V, 0,5A TOTAL CURRENT 8A					
		16								
		17	22	6ES7392-1AM00-0AA0	SIMATIC S7-300, 40 PIN MODULE FRONT CONNECTOR					
		18	5	6ES7392-1AJ00-0AA0	SIMATIC S7-300, 20 PIN MODULE FRONT CONNECTOR					
		19								
		20	4	6ES7972-0BA41-0XA0	SIMATIC DP, PROFIBUS CONNECTOR					
		21								
		22								
		23								
		24	2	//	MOUNTING PLATE 620X520mm (REPLACEMENT OF OLD PLATES)					
		25								
		26	1	DES-100D	D-LINK 10/100 FAST ETHERNET SWITCH					
		27								
		28								
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<div><div>INTELSOFT</div><div>OriSoft Process Automation</div></div>		PLANT LOCATION	ASCC ALEXANDRIA	CLIENT	<div>ASCC</div>	JOB					ID7854
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NOTE ASBUILT

PLANT LOCATION ASCC ALEXANDRIA

SECTION PLC CABINET INTERNAL LAYOUT

DOC. TYPE MAERZ PLC CABINET LAYOUT

CLIENT

ASCC

JOB		ID7854			
DWG N.		ASCC_MRZ-2102			
FILE NAME		ASCC_MRZ-2102-012			
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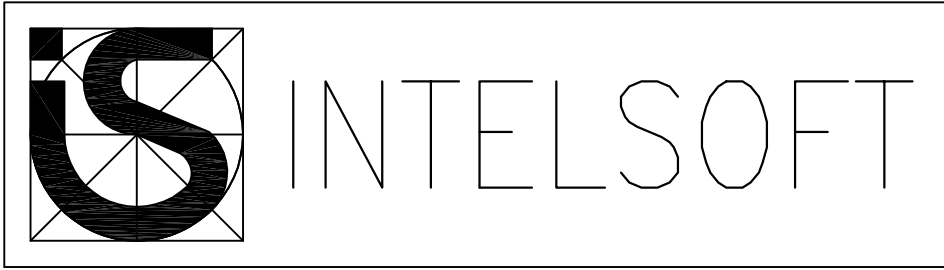
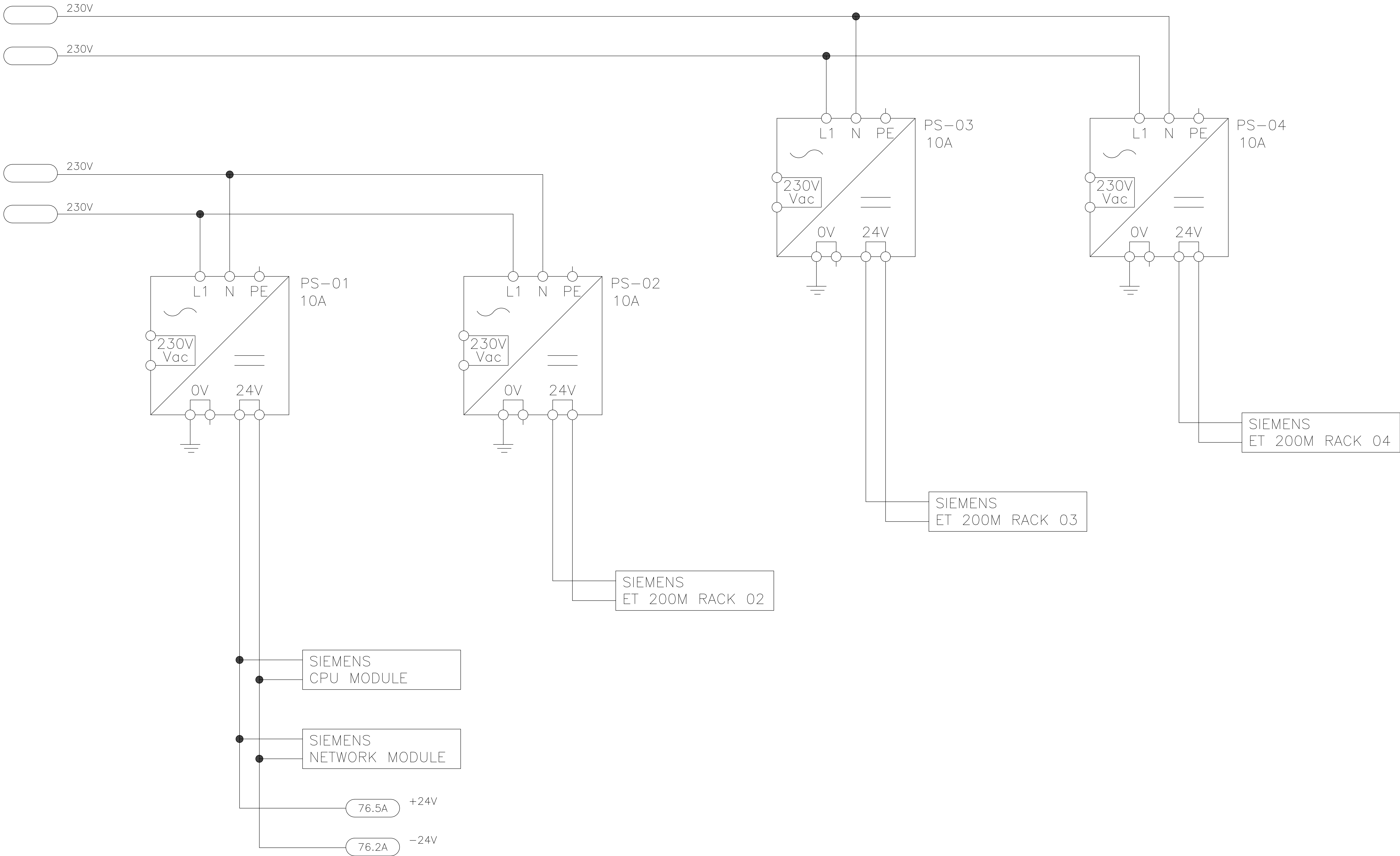
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PLANT LOCATION ASCC ALEXANDRIA

SECTION POWER SUPPLYS

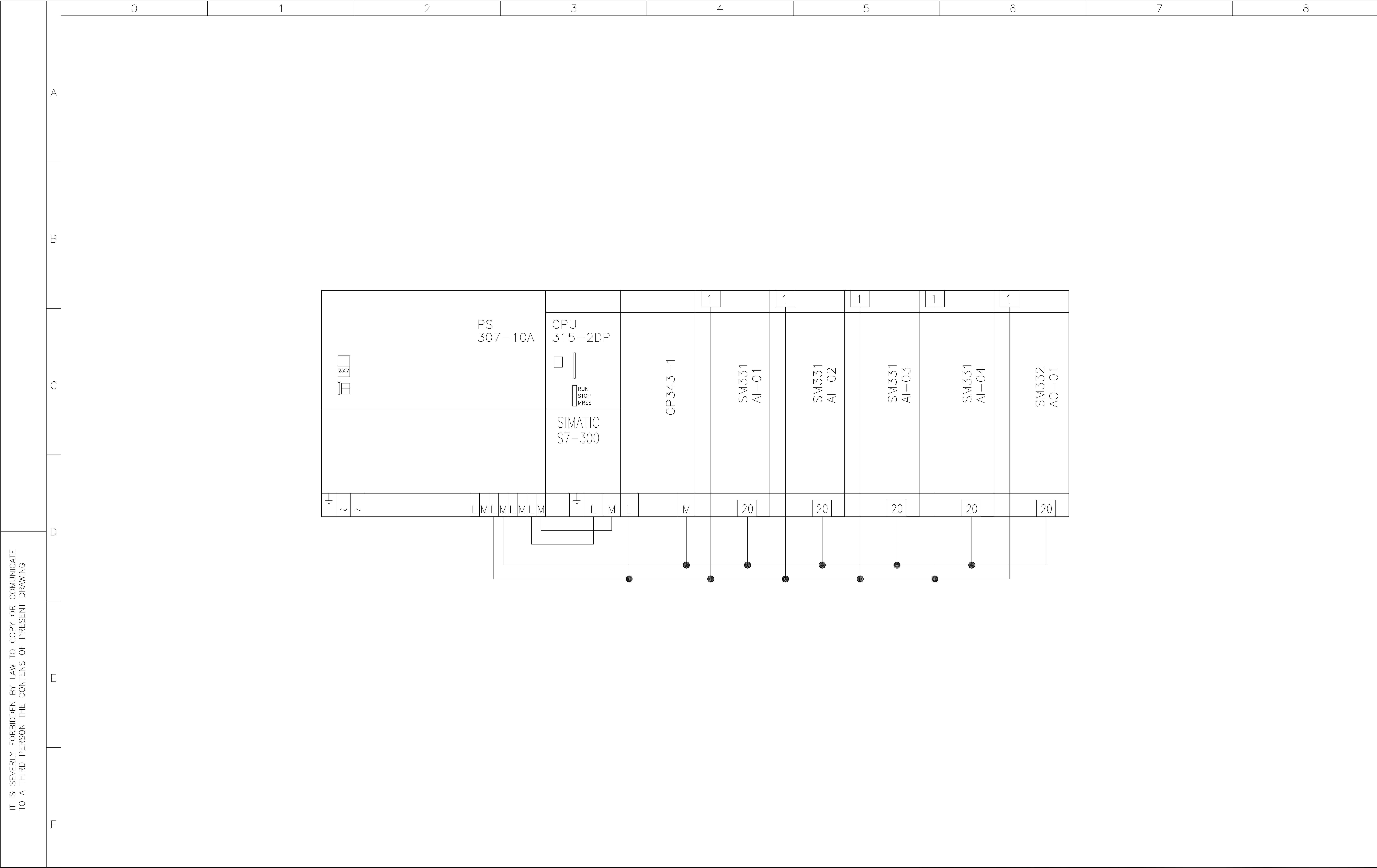
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DWG N.	ASCC_MRZ-2102				
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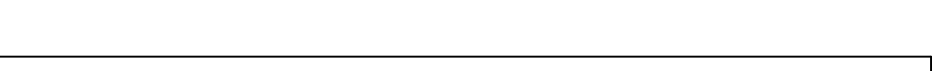



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SECTION	RACK 01 – POWER SUPPLY 24V CONNECTIONS
DOC. TYPE	MAERZ – CABINET LAYOUT

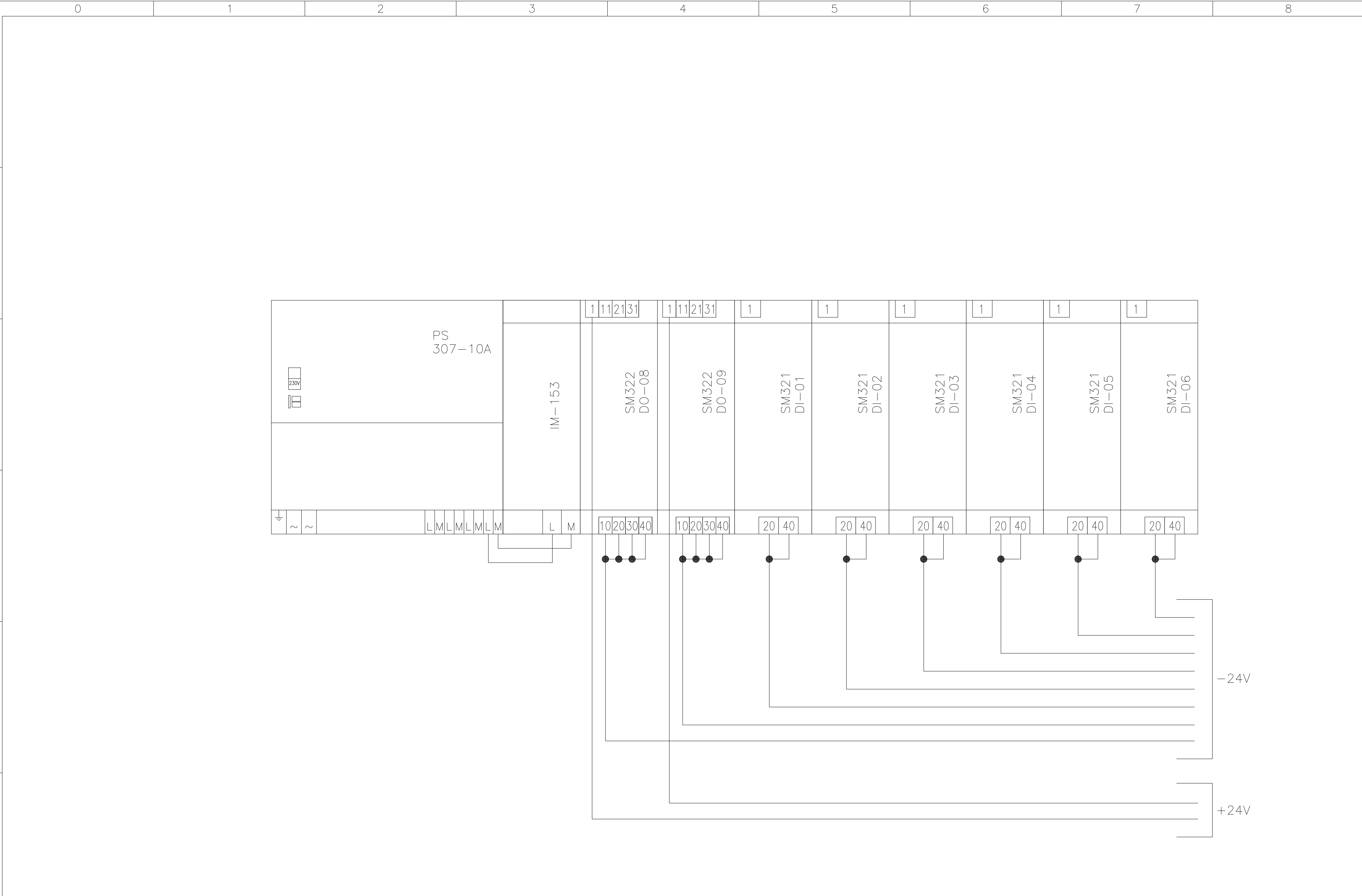
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DWG. N.		ASCC_MRZ-2102		
FILE NAME		ASCC_MRZ-2102-015		
DATE	REV	PREV	PAGE	NEW

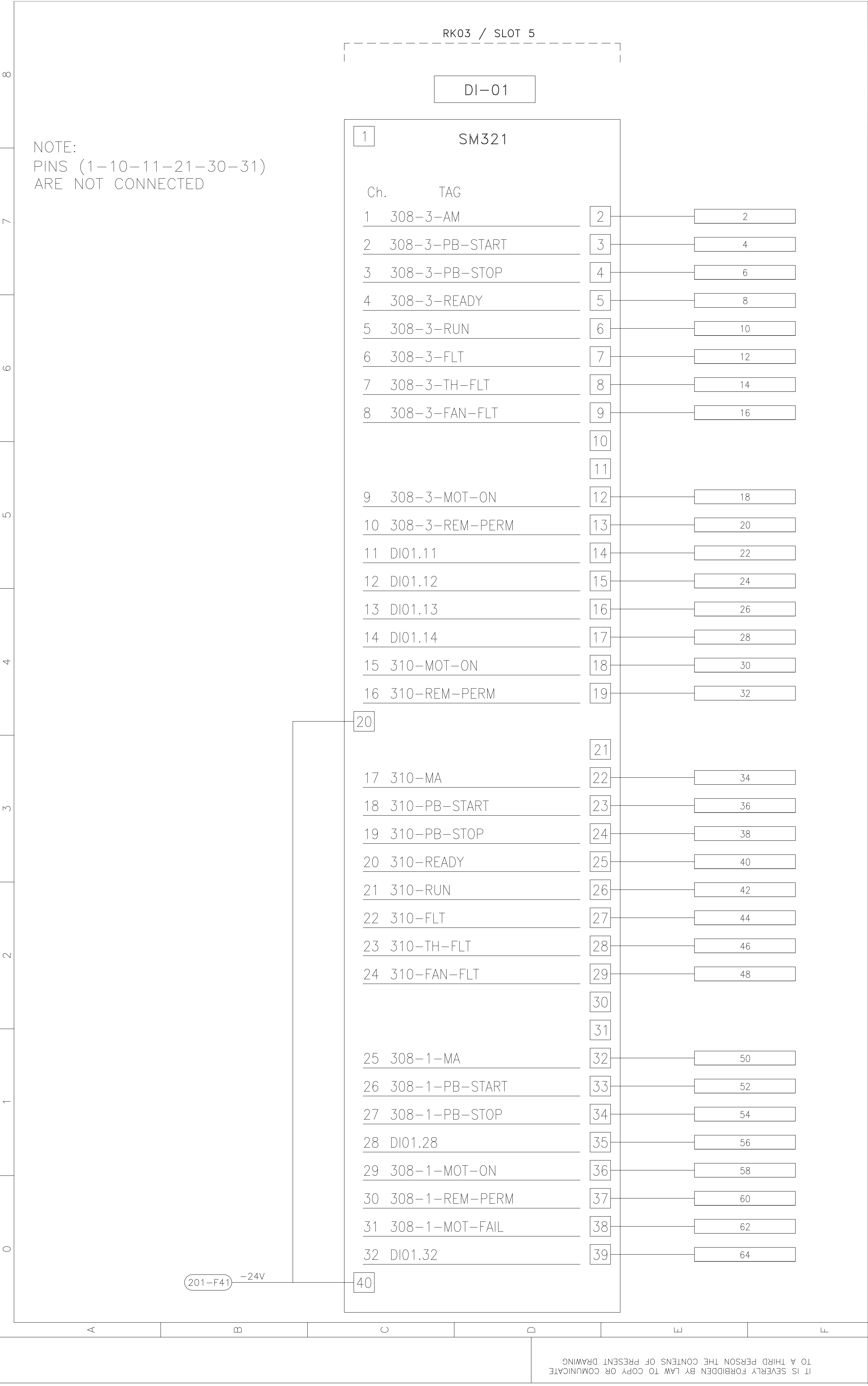


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	SECTION	RACK 02 – POWER SUPPLY 24V		DWG N.					ASCC_MRZ-2102									
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DATE	REV	PREV	PAGE	NE														
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	SECTION	RACK 03 – POWER SUPPLY 24V		DWG. N. ASCC_MRZ-2102												
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30/5/2020	00	16	17													



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29

308-1-MOT-FAIL

308-1-REM-PERM

308-1-MOT-ON

DIO1.28

308-1-PB-STOP

308-1-PB-START

308-1-MA

25

24

310-FAN-FLT

310-TH-FLT

310-FLT

310-RUN

310-READY

310-PB-STOP

310-PB-START

310-MA

17

21

20

310-REM-PERM

310-MOT-ON

DIO1.14

DIO1.13

DIO1.12

DIO1.11

308-3-REM-PERM

308-3-MOT-ON

10

9

8

308-3-FAN-FLT

308-3-TH-FLT

308-3-FLT

308-3-RUN

308-3-READY

308-3-PB-STOP

308-3-PB-START

308-3-AM

1

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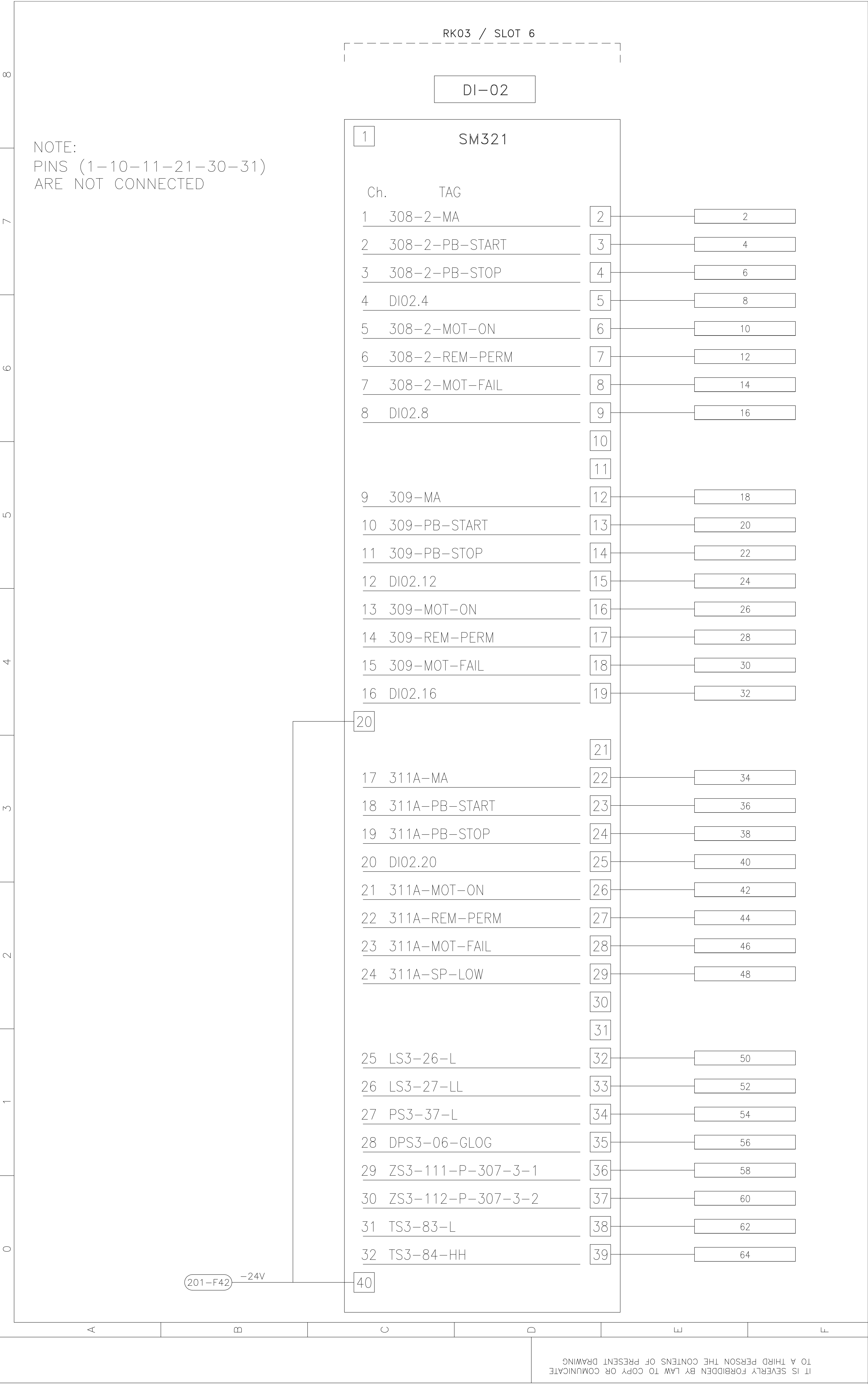
TAG

SM321

1

DI-01

RK03 / SLOT 5



INTELISOFT

NOTE

ASBUILT

PLANT LOCATION

ASCC ALEXANDRIA

SECTION

DI02 - DIGITAL INPUT WIRING DIAGRAM

DOC. TYPE

MAERZ - CABINET LAYOUT

CLIENT

ASCC

JOB

ID7854

DWG N.

ASCC_MRZ-2102

FILE NAME

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DATE

30/5/2006

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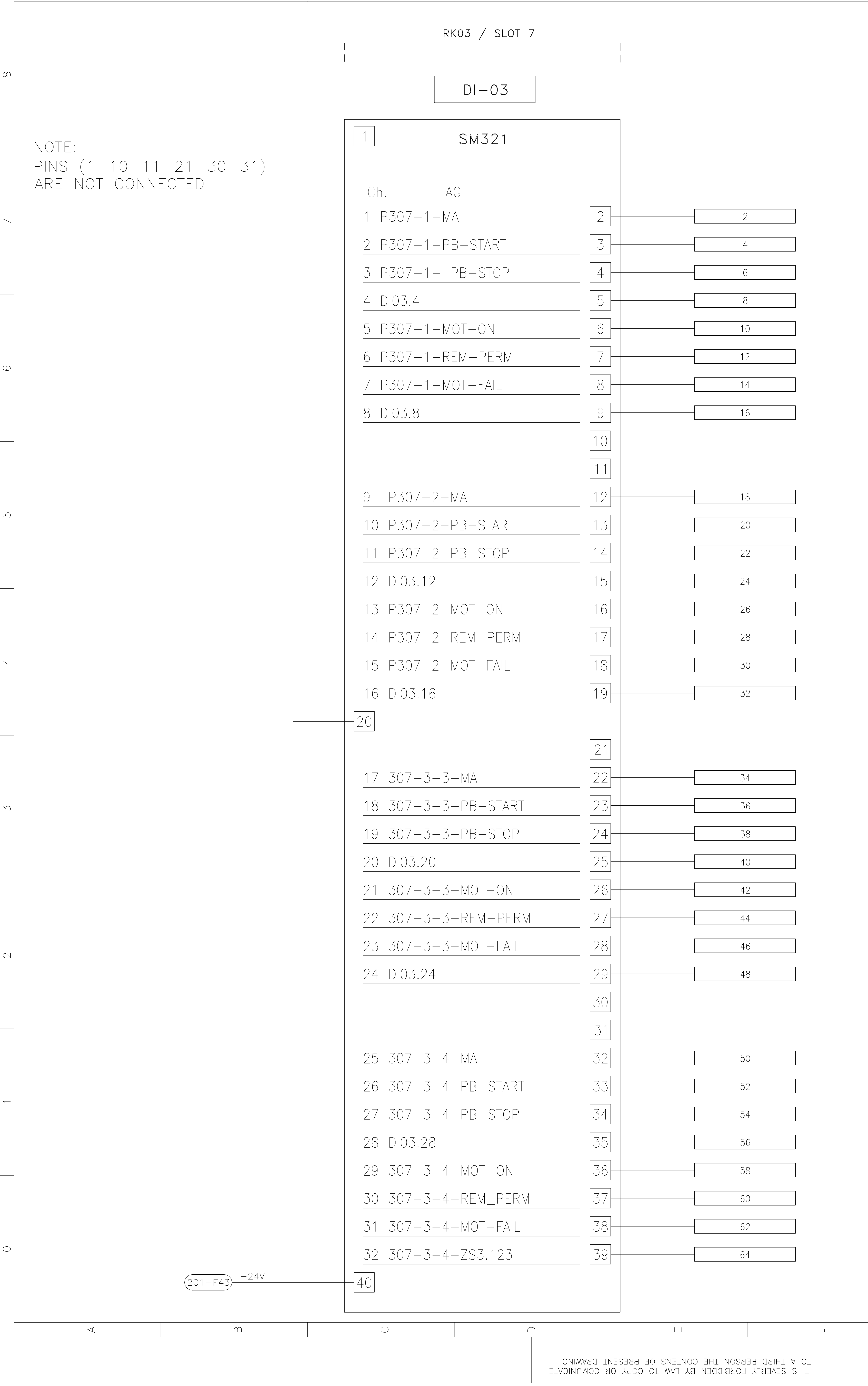
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INTELISOFT

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Process Automation

NOTE

ASBUILT

PLANT LOCATION

ASCC ALEXANDRIA

SECTION

DI03 - DIGITAL INPUT WIRING DIAGRAM

DOC. TYPE

MAERZ - CABINET LAYOUT

CLIENT

ASCC

JOB

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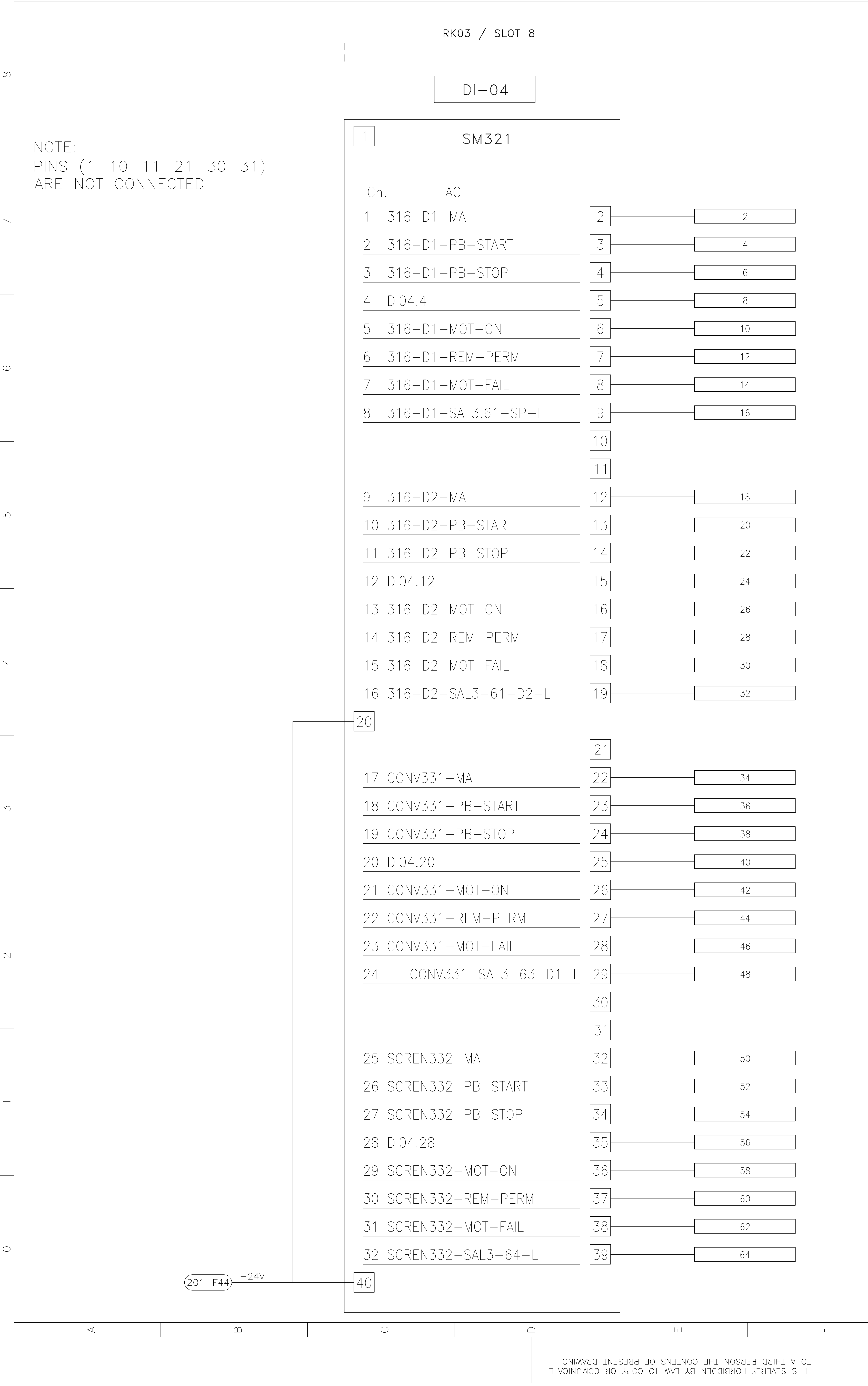
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RK03 / SLOT 8

DI-04

1

SM321

Ch.

TAG

1

316-D1-MA

2

316-D1-PB-START

3

316-D1-PB-STOP

4

DI04.4

5

316-D1-MOT-ON

6

316-D1-REM-PERM

7

316-D1-MOT-FAIL

8

316-D1-SAL3.61-SP-L

9

316-D2-MA

10

316-D2-PB-START

11

316-D2-PB-STOP

12

DI04.12

13

316-D2-MOT-ON

14

316-D2-REM-PERM

15

316-D2-MOT-FAIL

16

316-D2-SAL3-61-D2-L

17

CONV331-MA

18

CONV331-PB-START

19

CONV331-PB-STOP

20

DI04.20

21

CONV331-MOT-ON

22

CONV331-REM-PERM

23

CONV331-MOT-FAIL

24

CONV331-SAL3-63-D1-L

25

SCREN332-MA

26

SCREN332-PB-START

27

SCREN332-PB-STOP

28

DI04.28

29

SCREN332-MOT-ON

30

SCREN332-REM-PERM

31

SCREN332-MOT-FAIL

32

SCREN332-SAL3-64-L

2

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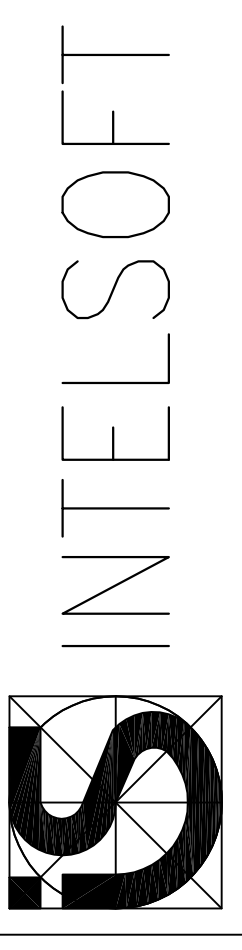
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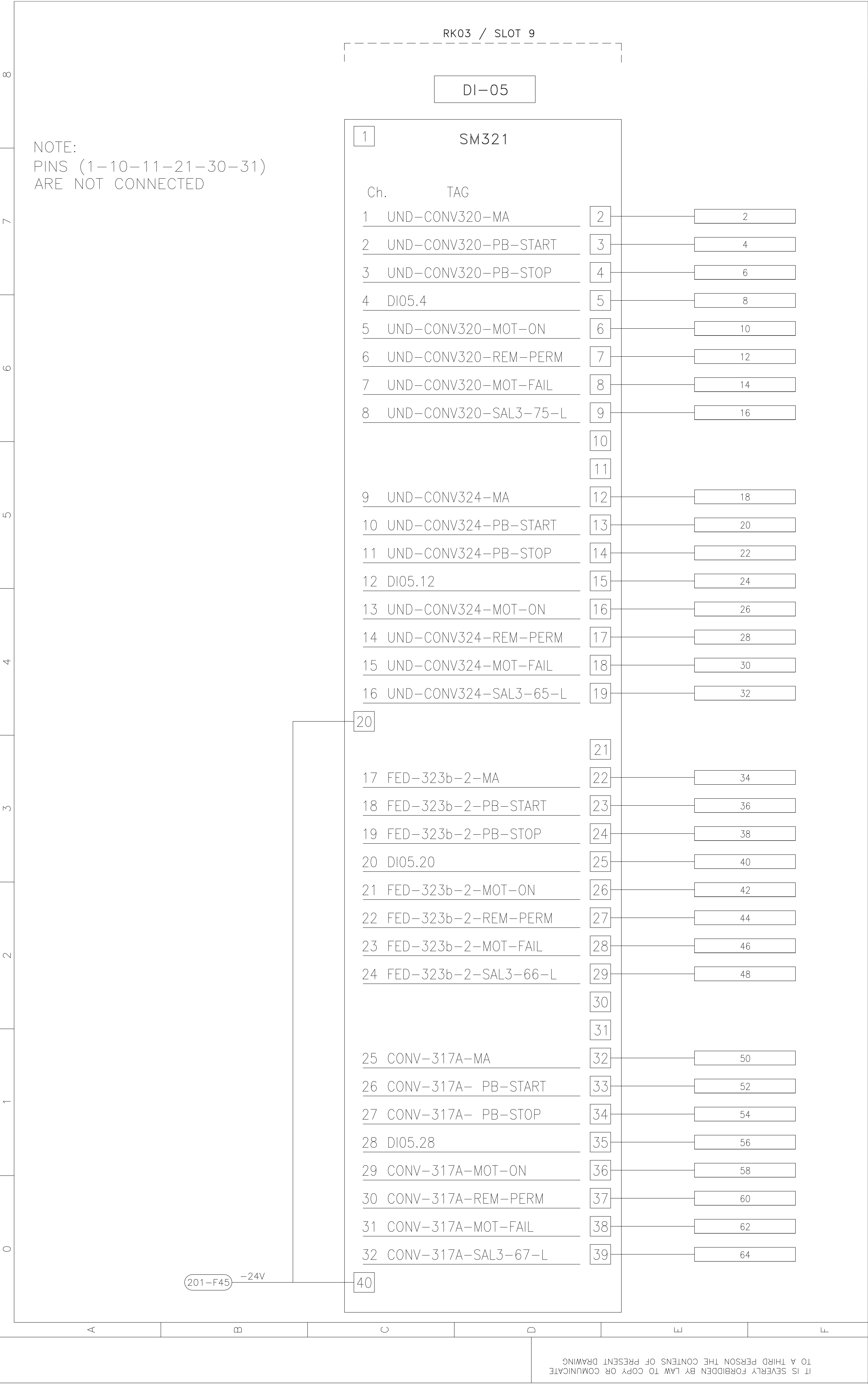
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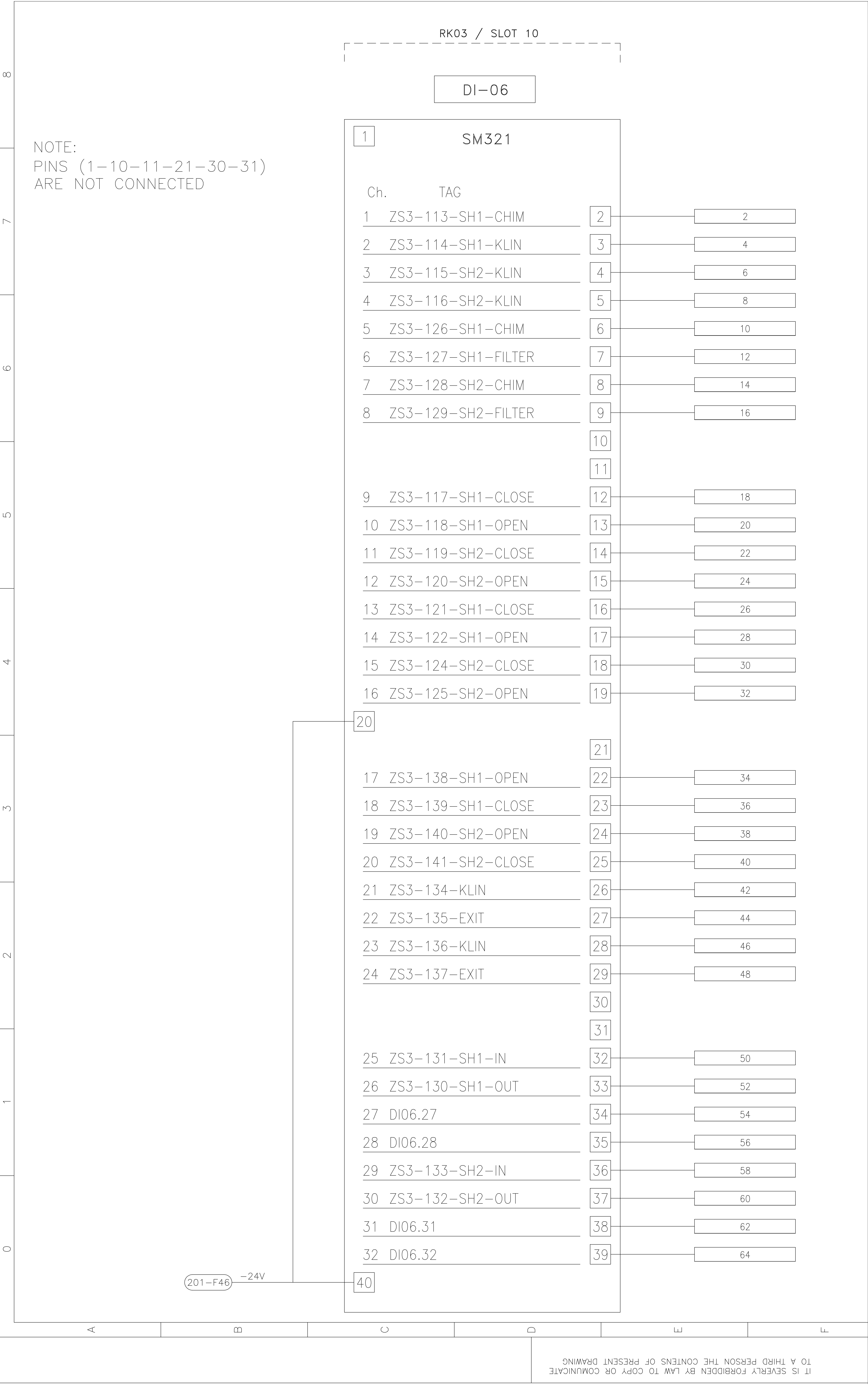
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NOTE ASBUILT





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Process Automation

NOTE

ASBUILT

PLANT LOCATION

ASCC ALEXANDRIA

SECTION

DI06 - DIGITAL INPUT WIRING DIAGRAM

DOC. TYPE

MAERZ - CABINET LAYOUT

CLIENT

ASCC

JOB

ID7854

DWG N.

ASCC_MRZ-2102

FILE NAME

ASCC_MRZ-2102-031

DATE

30/5/2006

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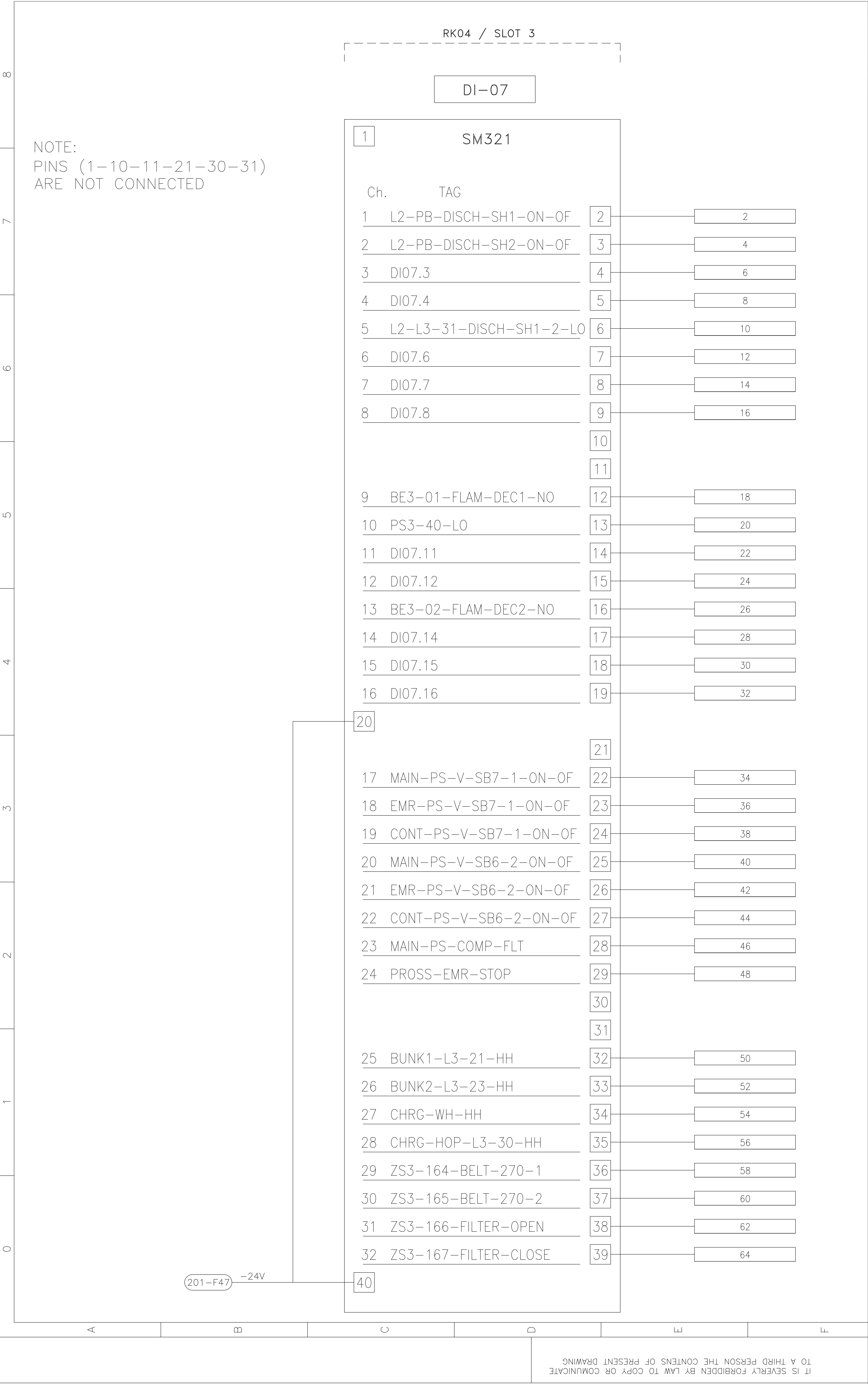
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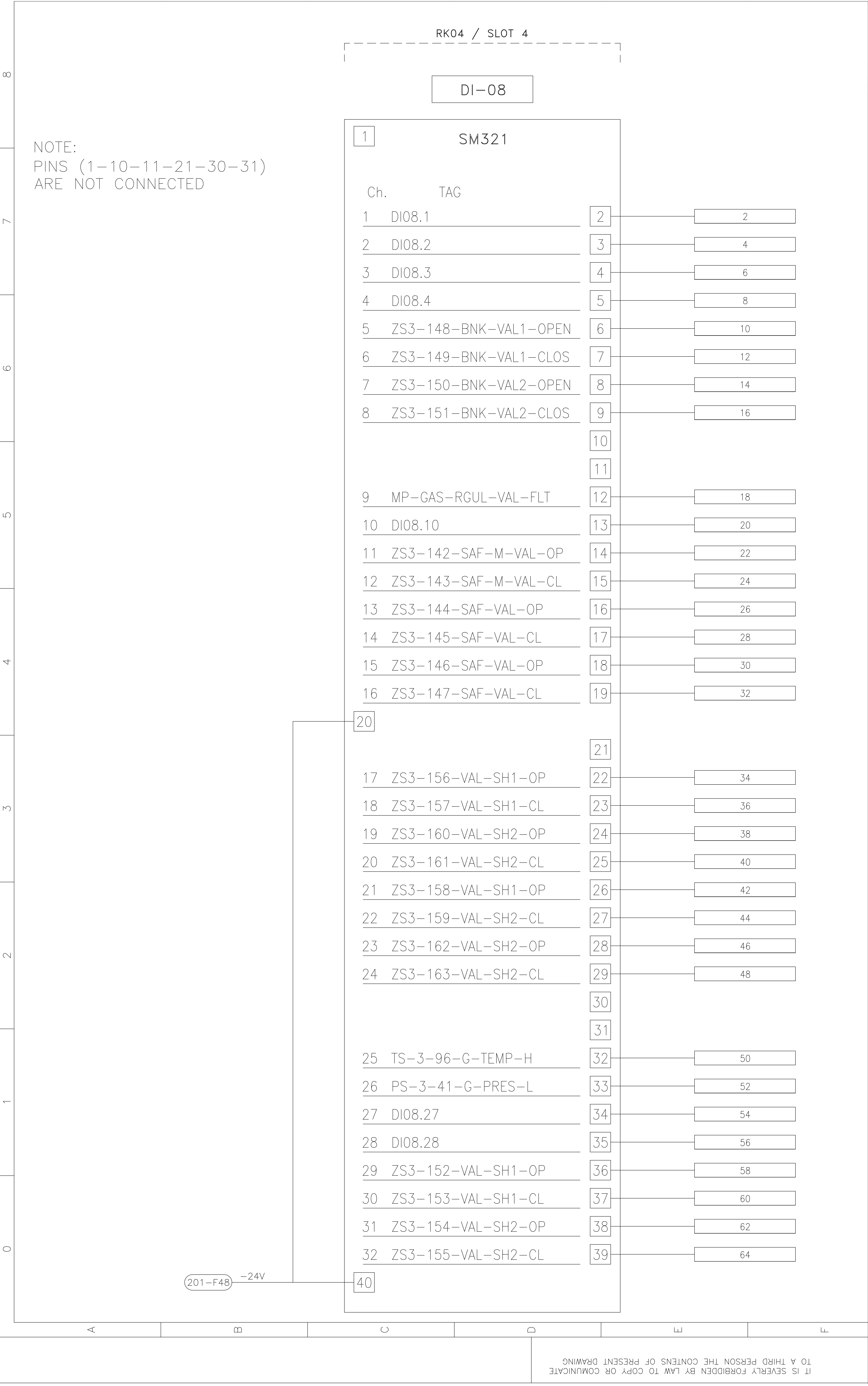
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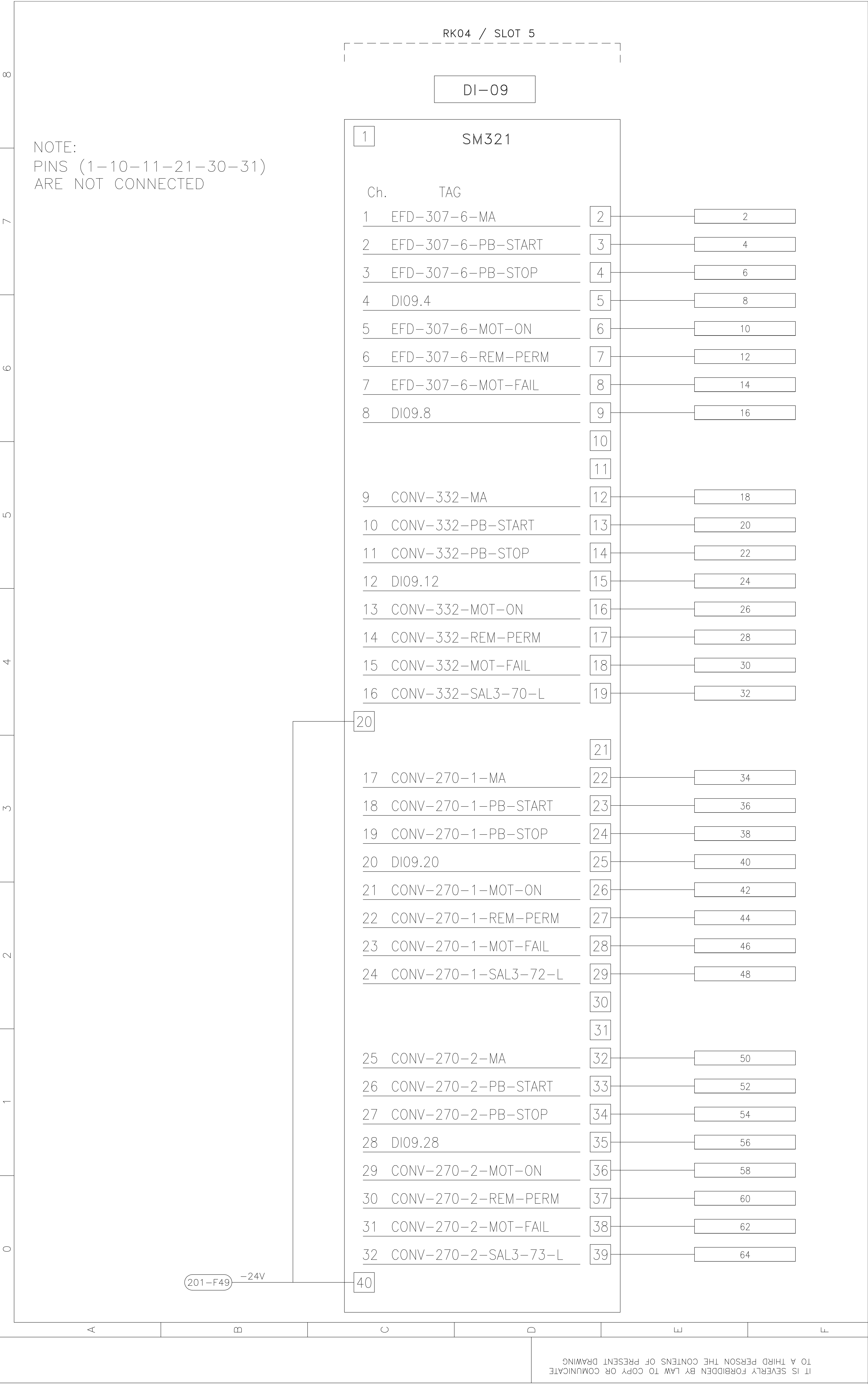
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NEX

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Process Automation

NOTE

ASBUILT

PLANT LOCATION

ASCC ALEXANDRIA

SECTION

DI09 - DIGITAL INPUT WIRING DIAGRAM

DOC. TYPE

MAERZ - CABINET LAYOUT

CLIENT

ASCC

MAERZ

JOB

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DATE

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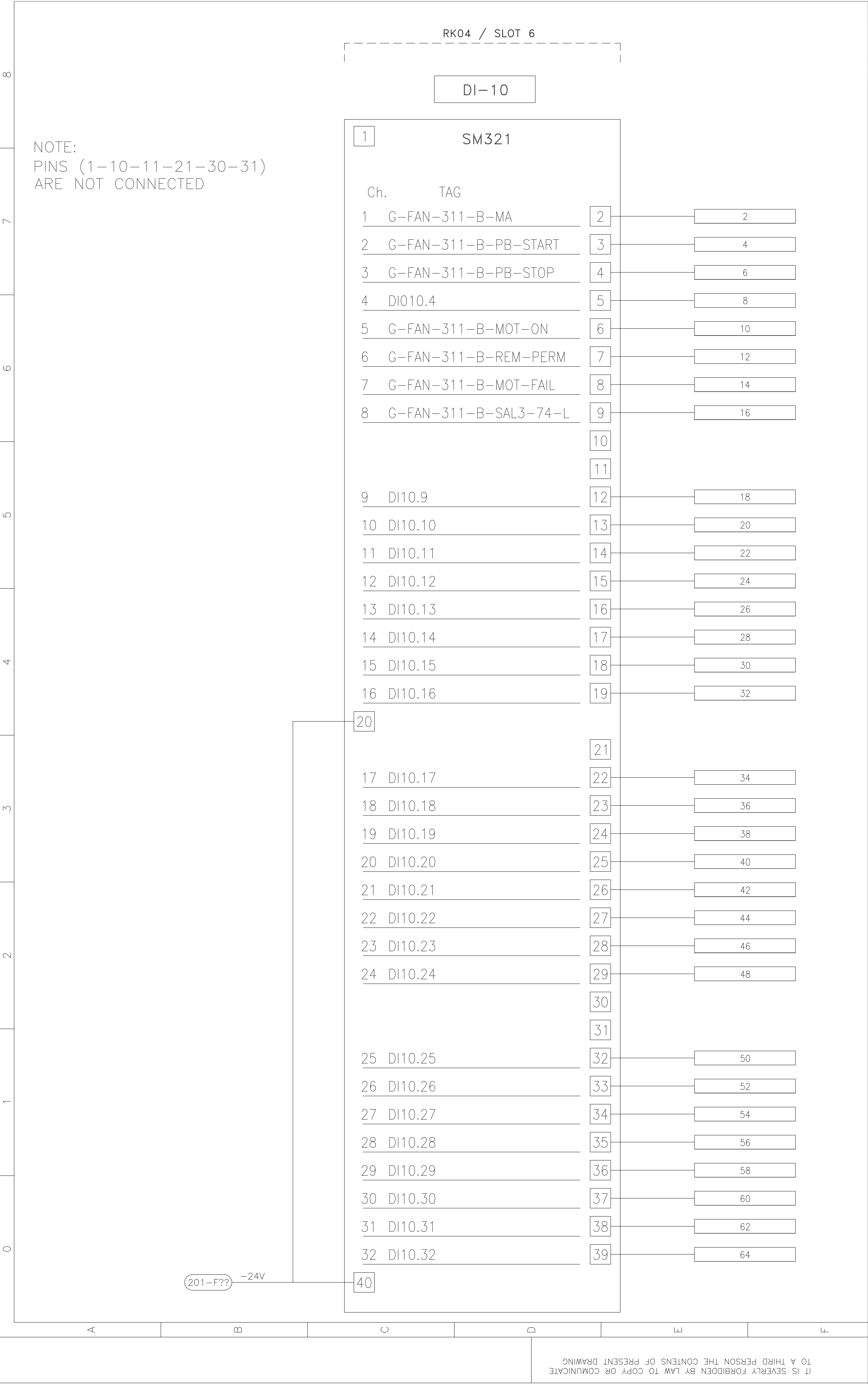
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NOTE:

PINS (1-10-11-21-30-31)

ARE NOT CONNECTED

RK04 / SLOT 6

DI-10

1

SM321

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TAG

1

G-FAN-311-B-MA

2

G-FAN-311-B-PB-START

3

G-FAN-311-B-PB-STOP

4

DI10.4

5

G-FAN-311-B-MOT-ON

6

G-FAN-311-B-REM-PERM

7

G-FAN-311-B-MOT-FAIL

8

G-FAN-311-B-SAL3-74-L

9

DI10.9

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DI10.10

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DI10.11

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DI10.12

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DI10.13

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DI10.14

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DI10.15

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DI10.16

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DI10.17

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DI10.18

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DI10.19

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DI10.20

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DI10.21

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DI10.22

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DI10.23

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DI10.24

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DI10.25

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DI10.26

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DI10.27

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DI10.28

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DI10.29

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DI10.30

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DI10.31

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DI10.32

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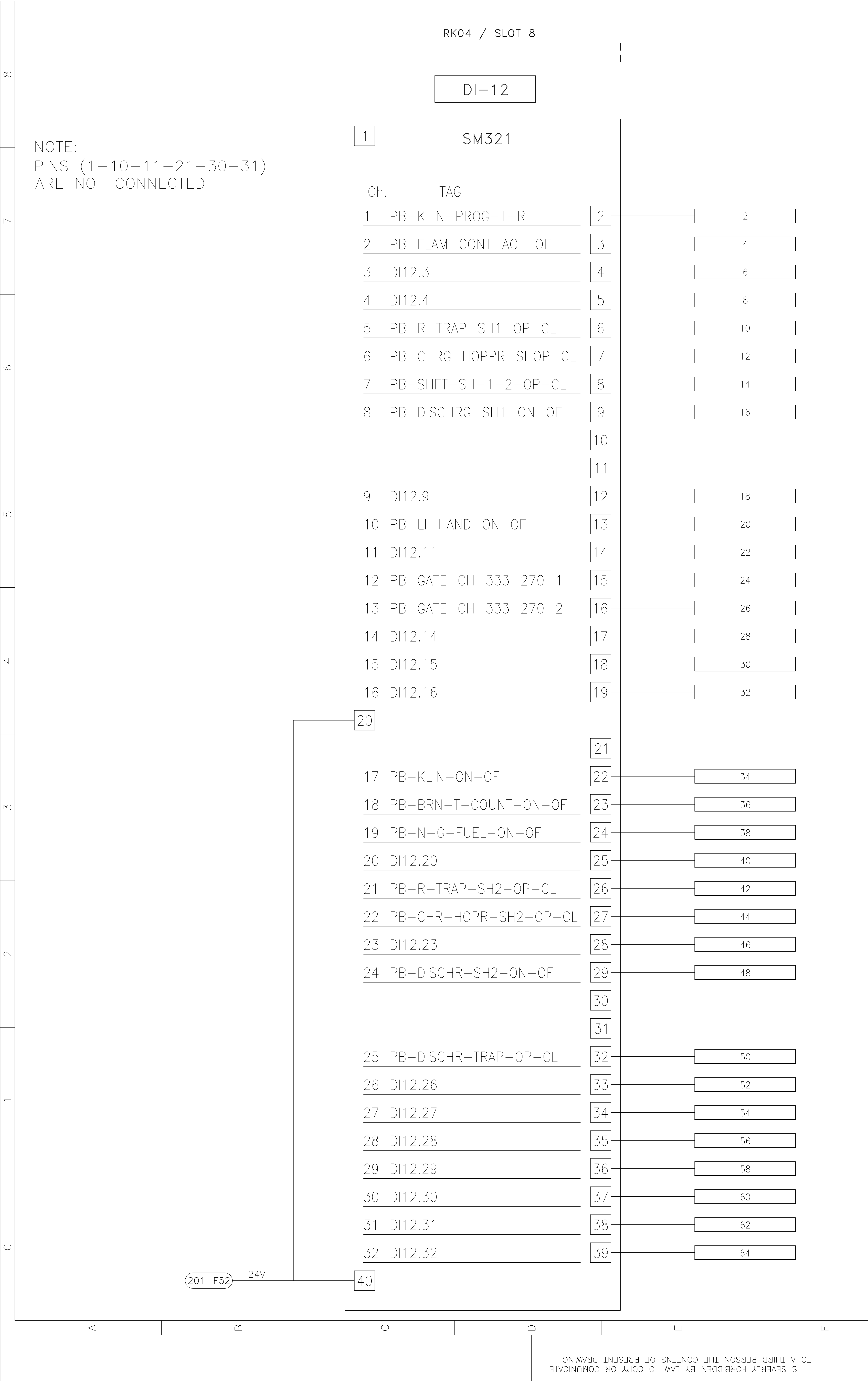
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INTELISOFT

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Process Automation

NOTE

ASBUILT

PLANT LOCATION

ASCC ALEXANDRIA

SECTION

DI12 - DIGITAL INPUT WIRING DIAGRAM

DOC. TYPE

MAERZ - CABINET LAYOUT

CLIENT

ASCC

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FILE NAME

ASCC_MRZ-2102-037

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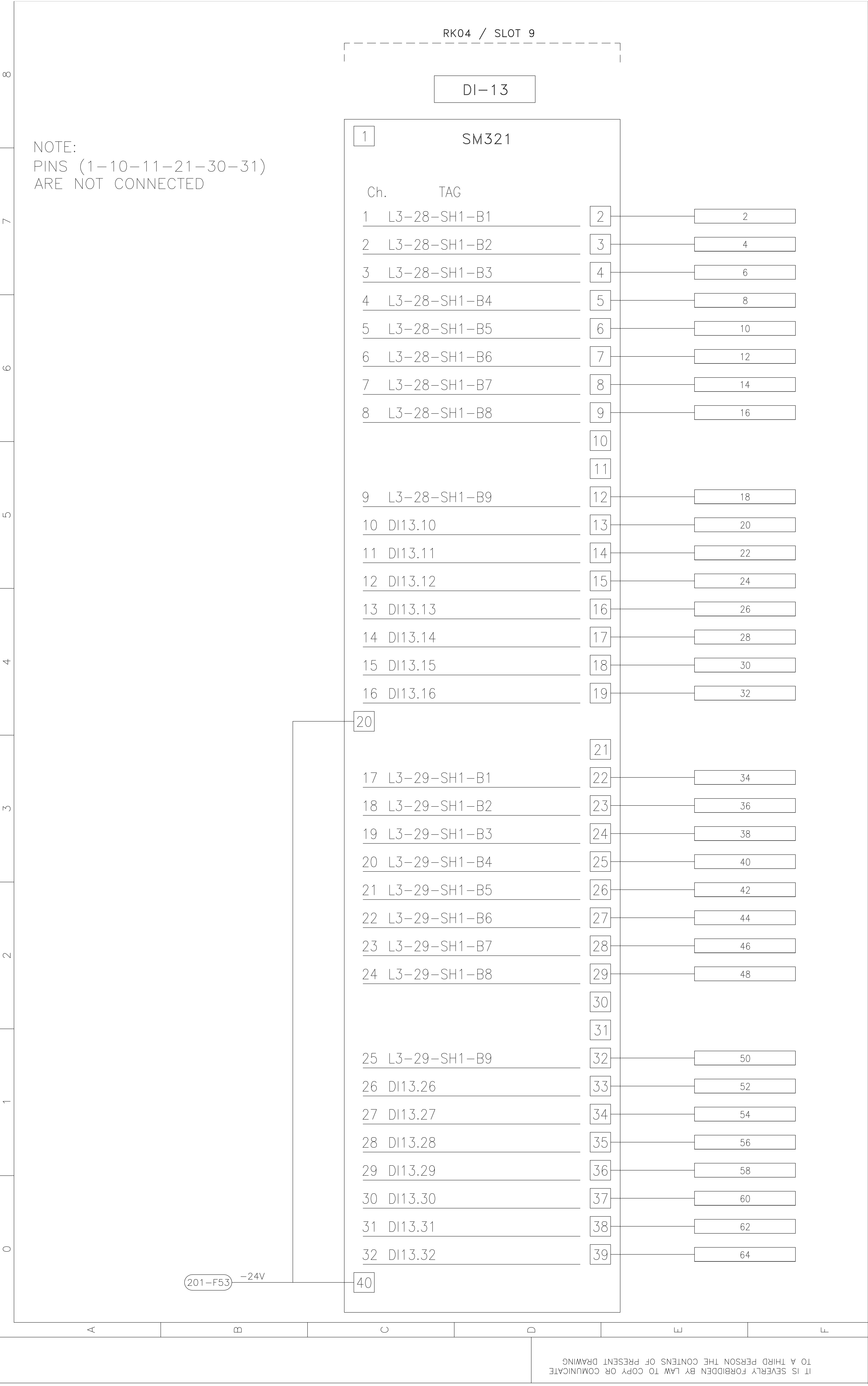
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SOFT

Process Automation

NOTE

ASBUILT

PLANT LOCATION

SECTION

DOC. TYPE

ASCC ALEXANDRIA

DI13 - DIGITAL INPUT WIRING DIAGRAM

MAERZ - CABINET LAYOUT

CLIENT

ASCC

JOB

DWG N.

FILE NAME

DATE

REV

PREV

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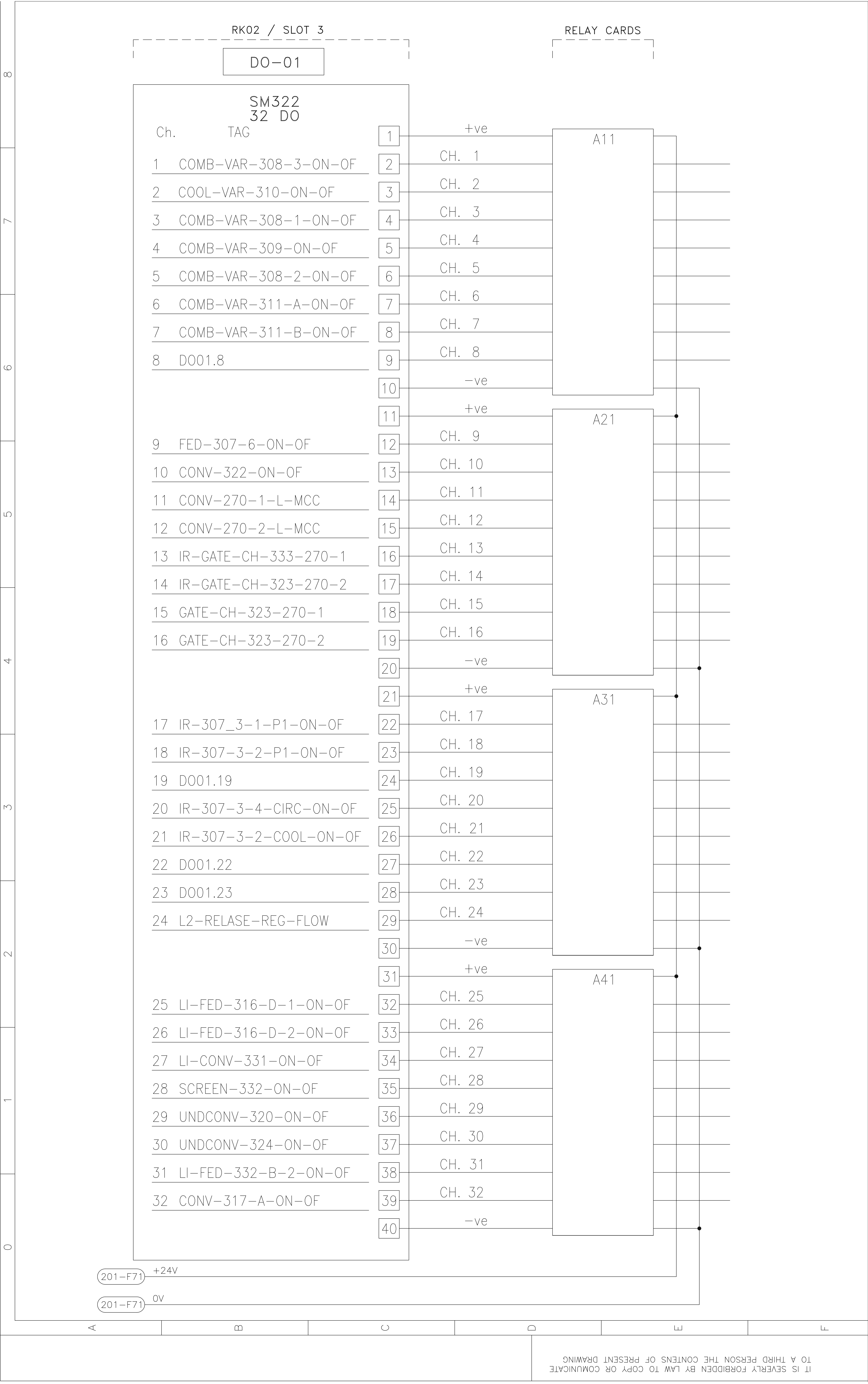
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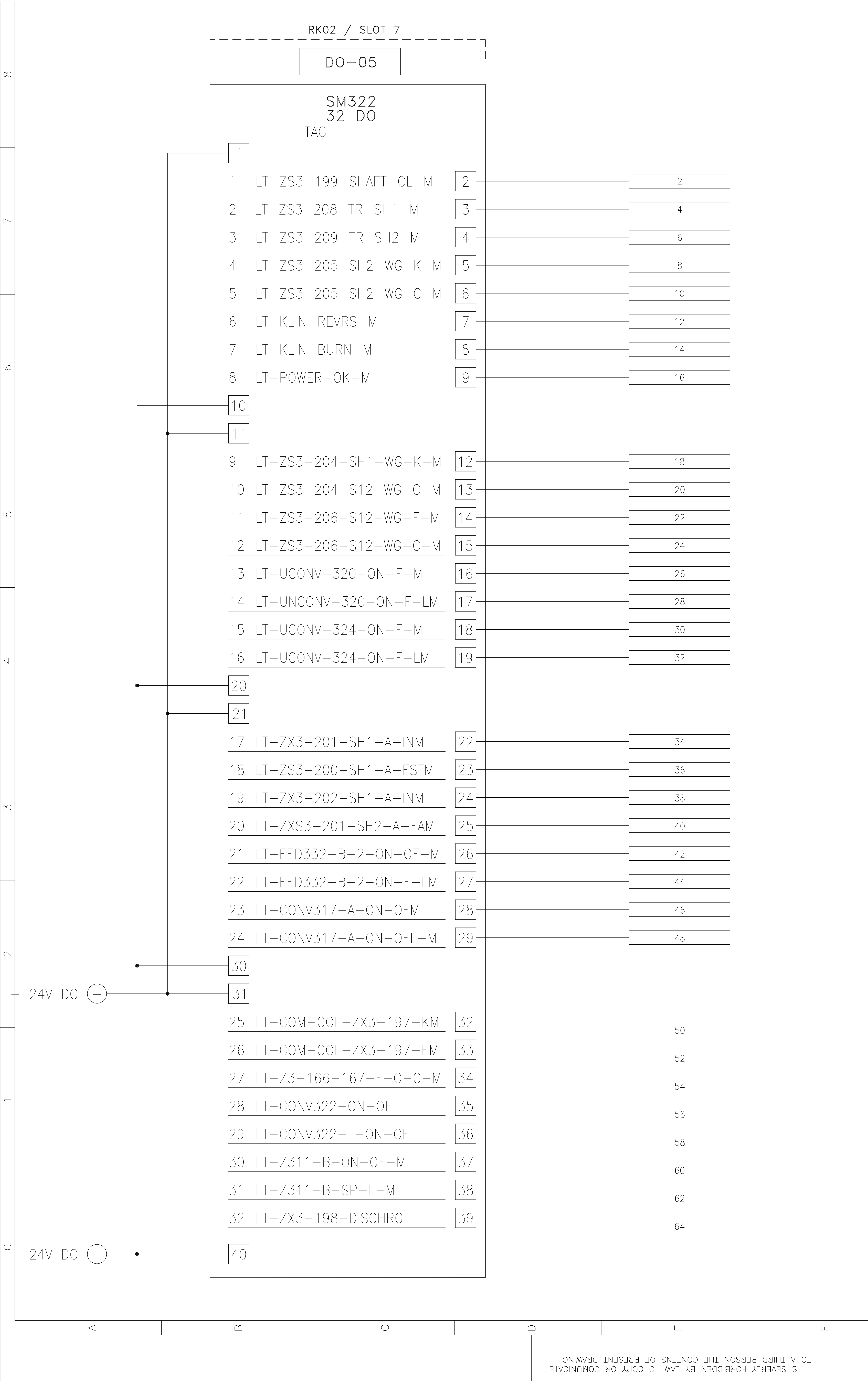
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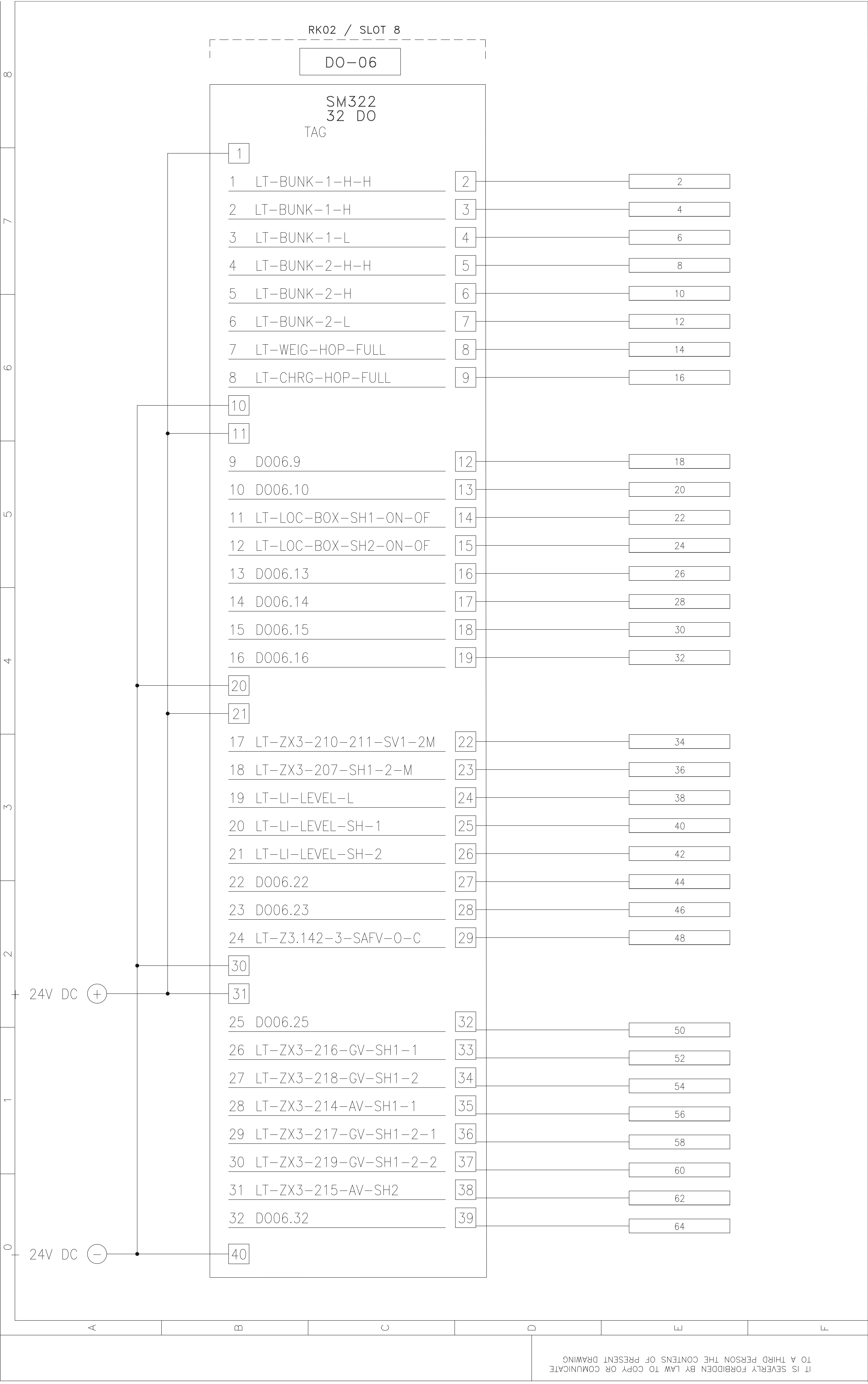
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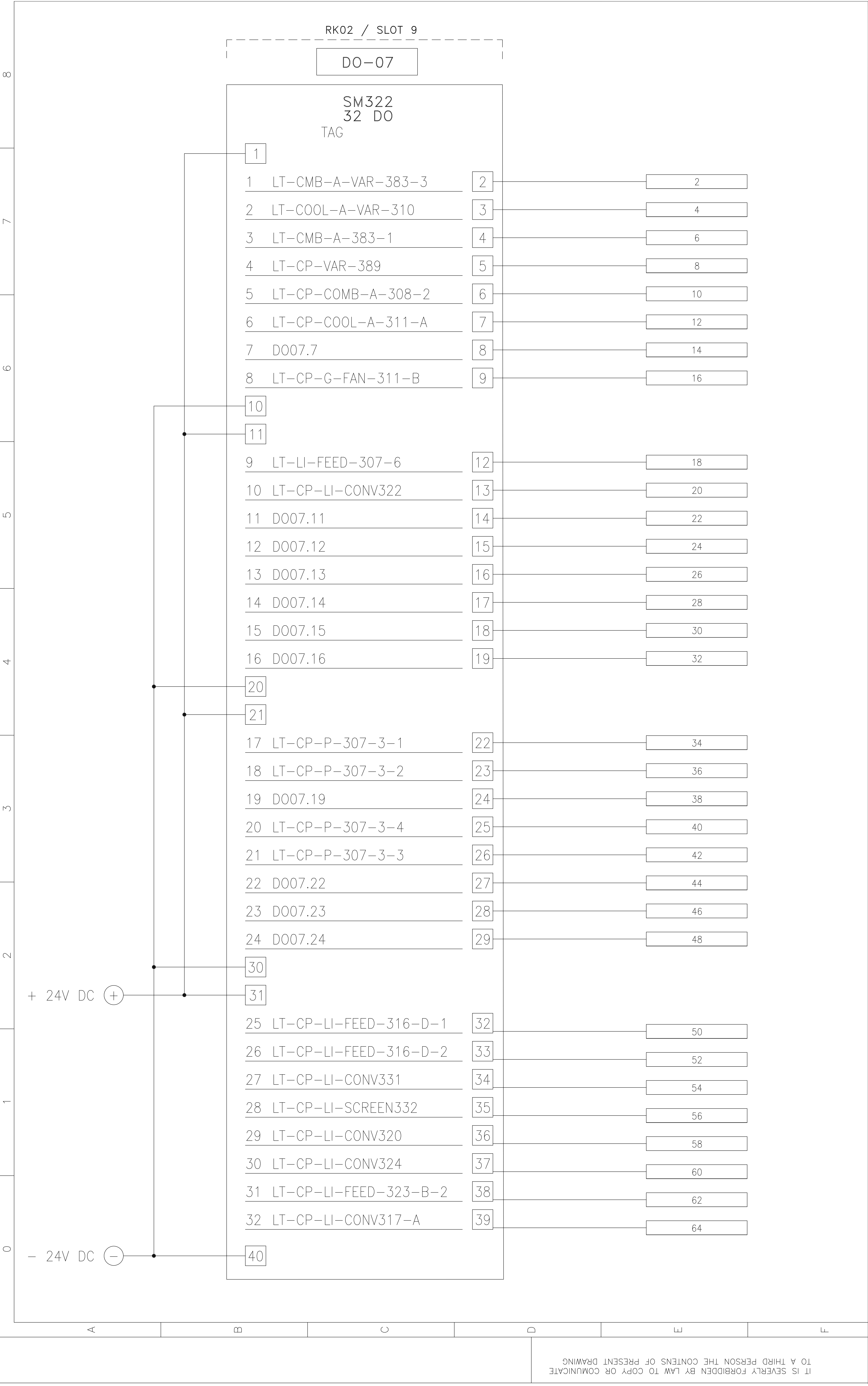
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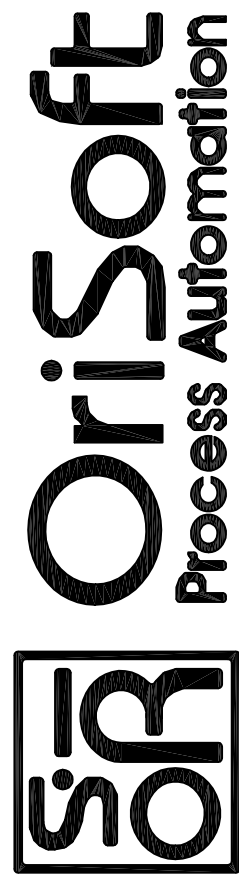








INTELISOFT



NOTE

ASBUILT

PLANT LOCATION

SECTION

DOC. TYPE

ASCC ALEXANDRIA

D007 – DIGITAL OUTPUT WIRING DIAGRAM

MAERZ – CABINET LAYOUT

CLIENT

ASCC

JOB

DWG N.

FILE NAME

DATE

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ID7854

ASCC_MRZ-2102

ASCC_MRZ-2102-049

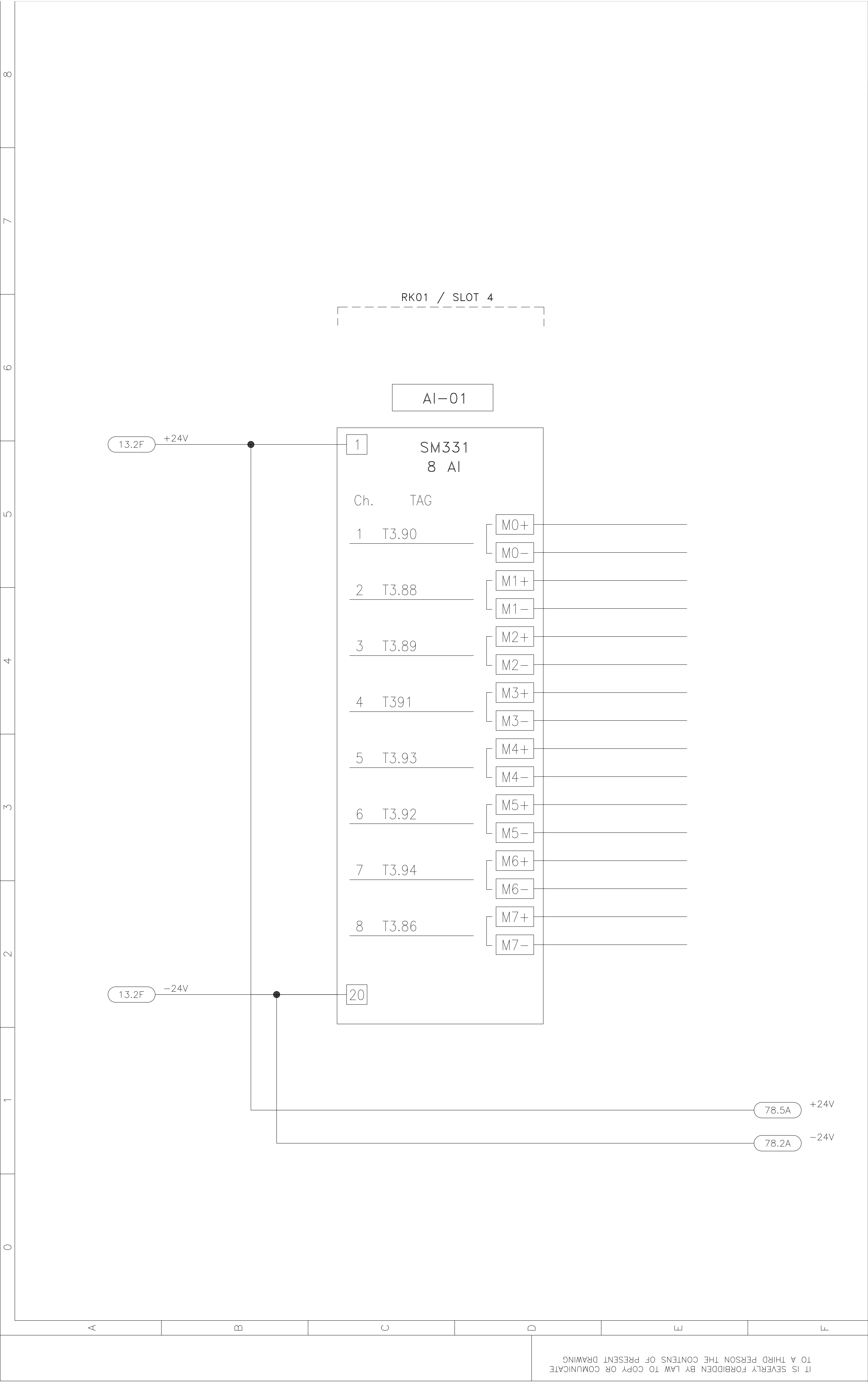
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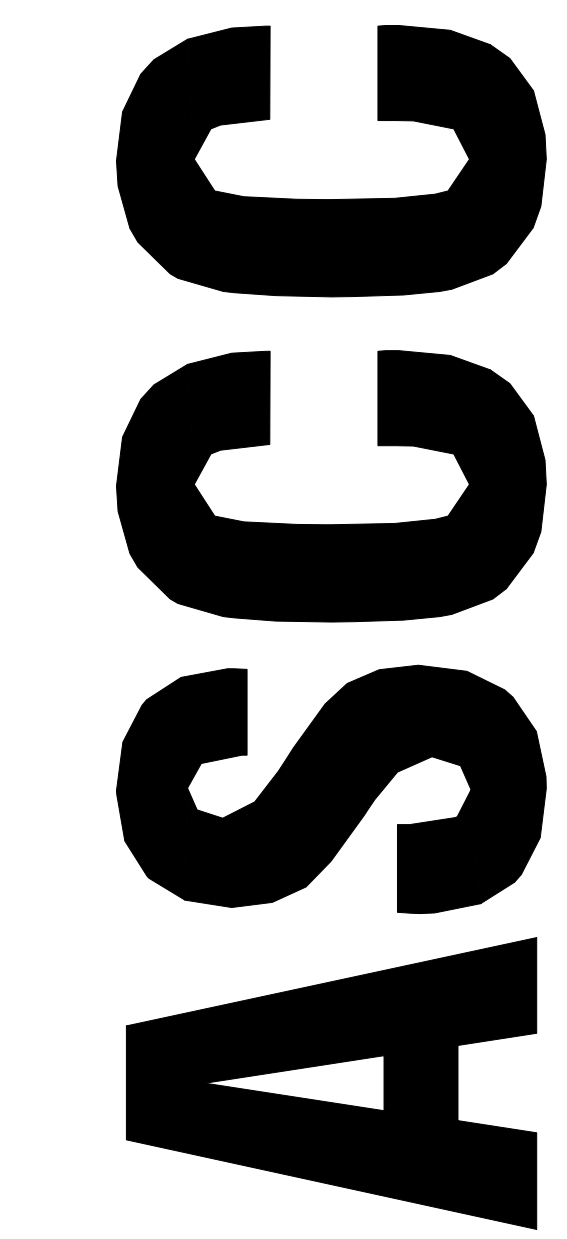
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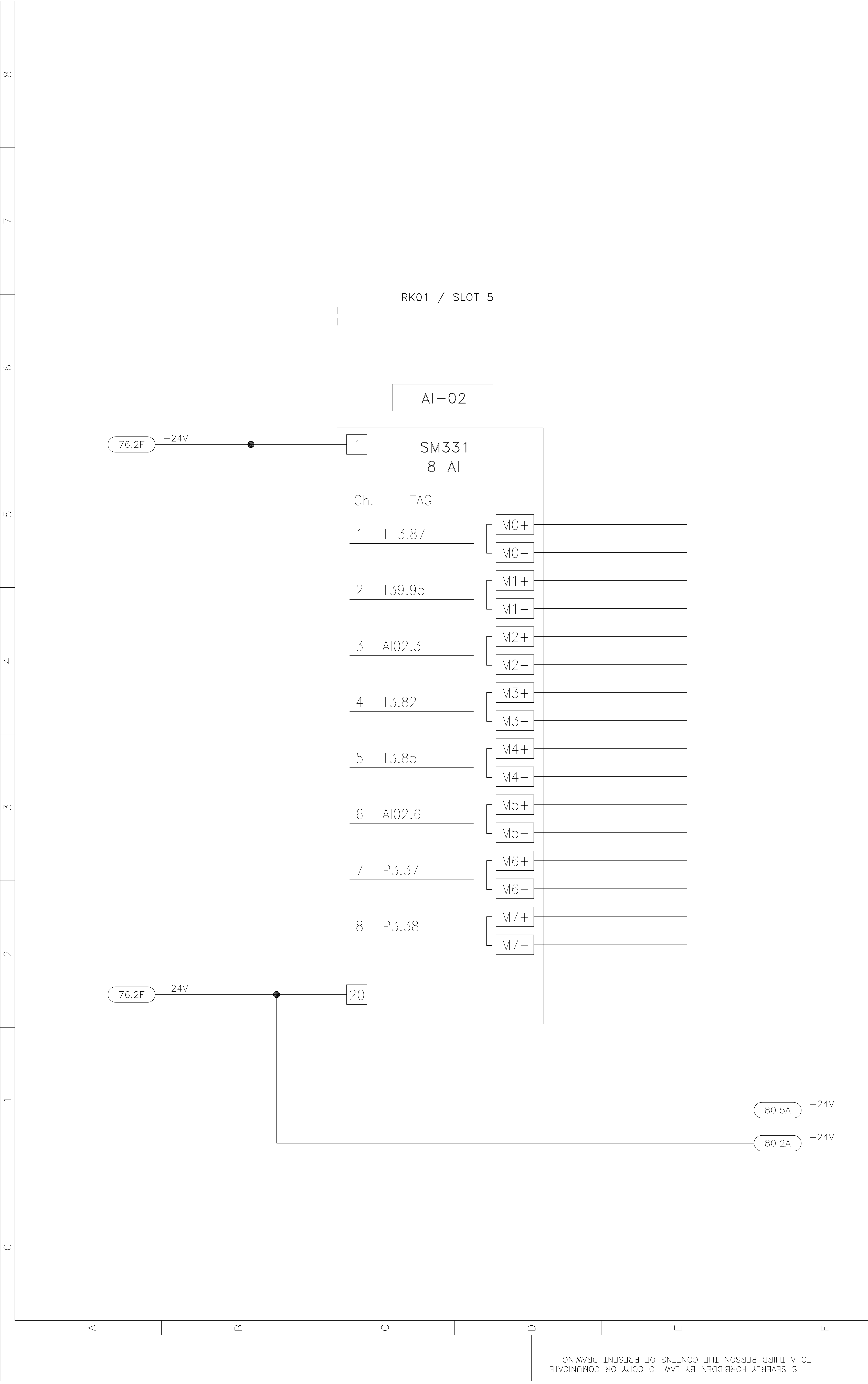
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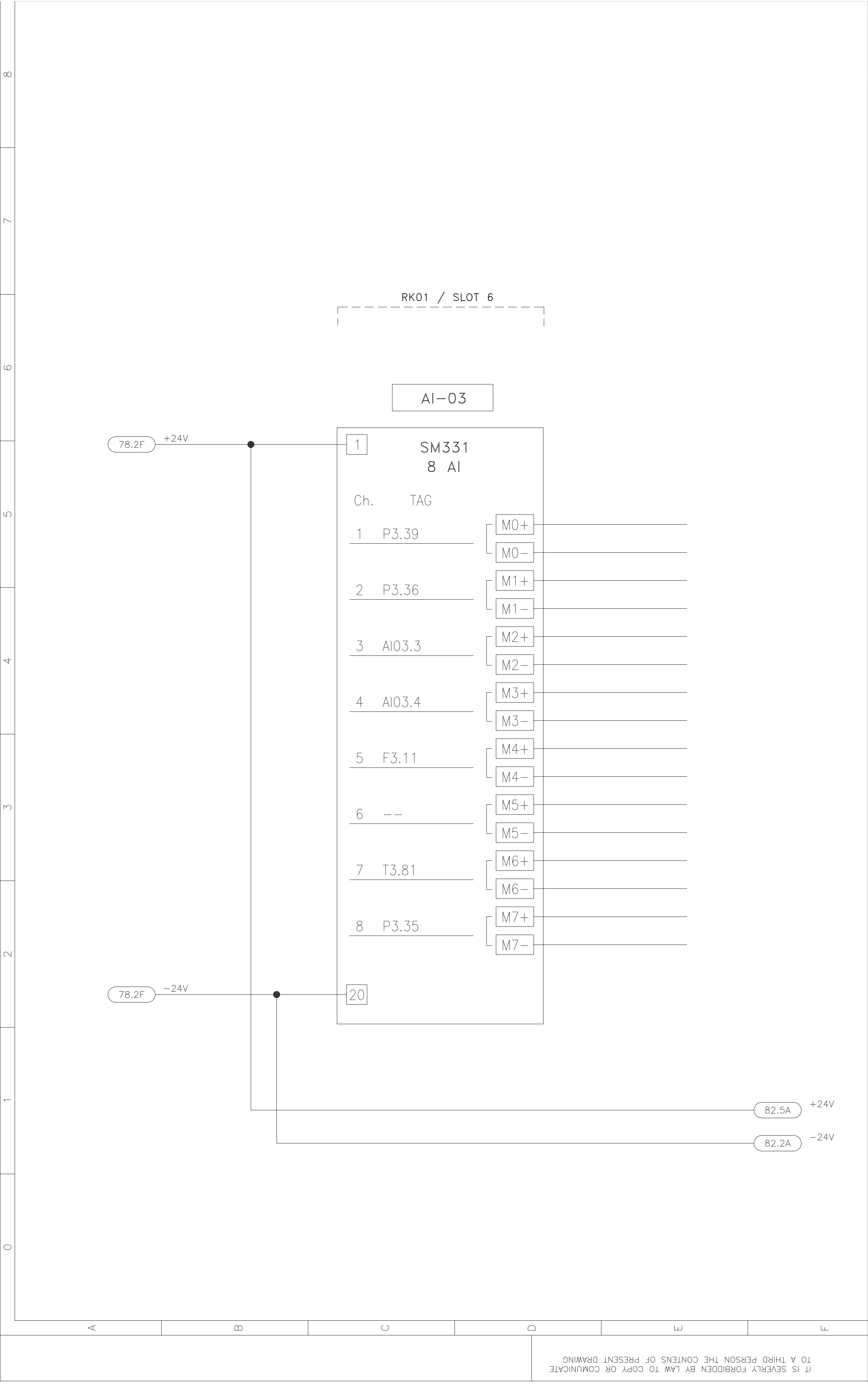
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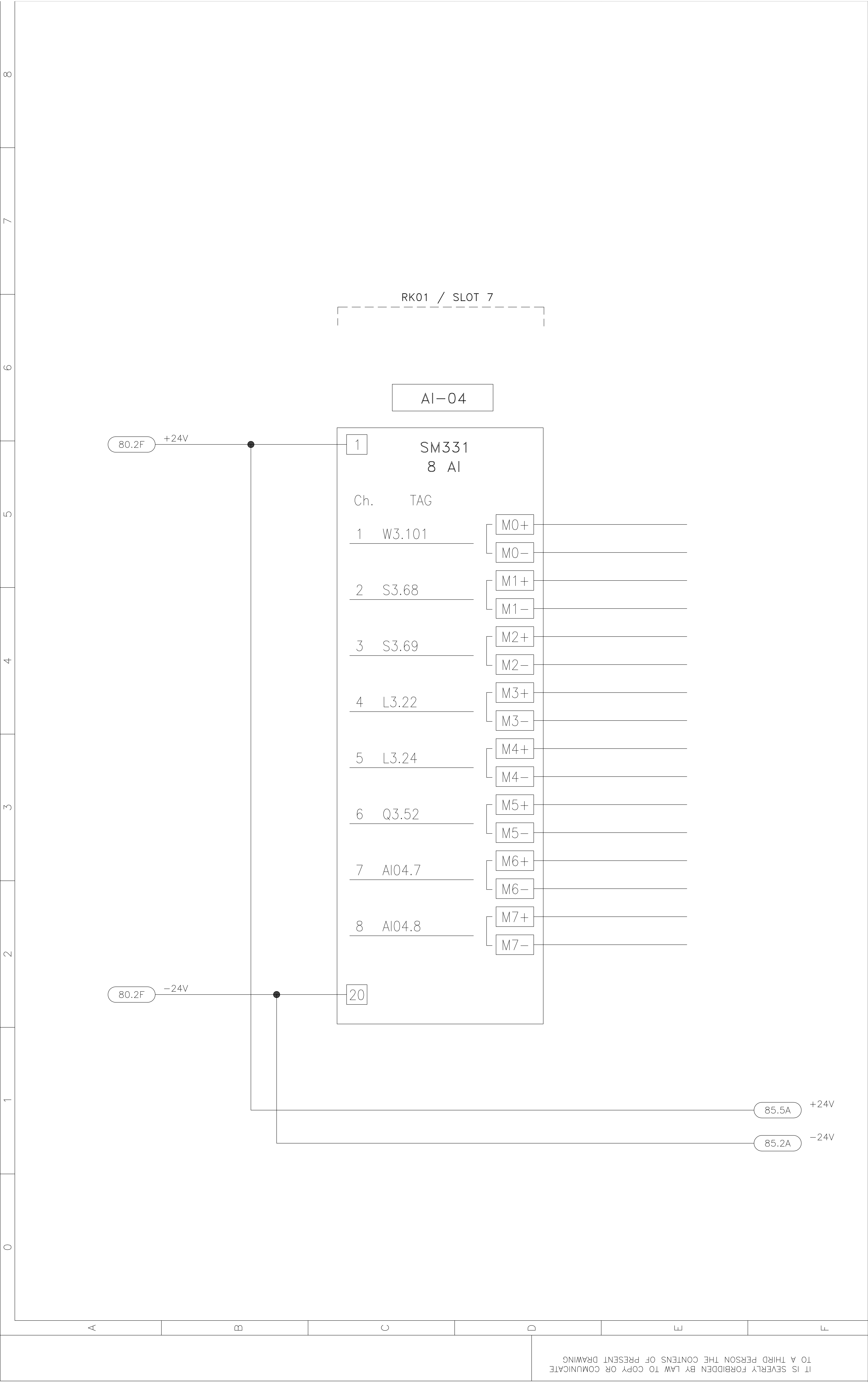
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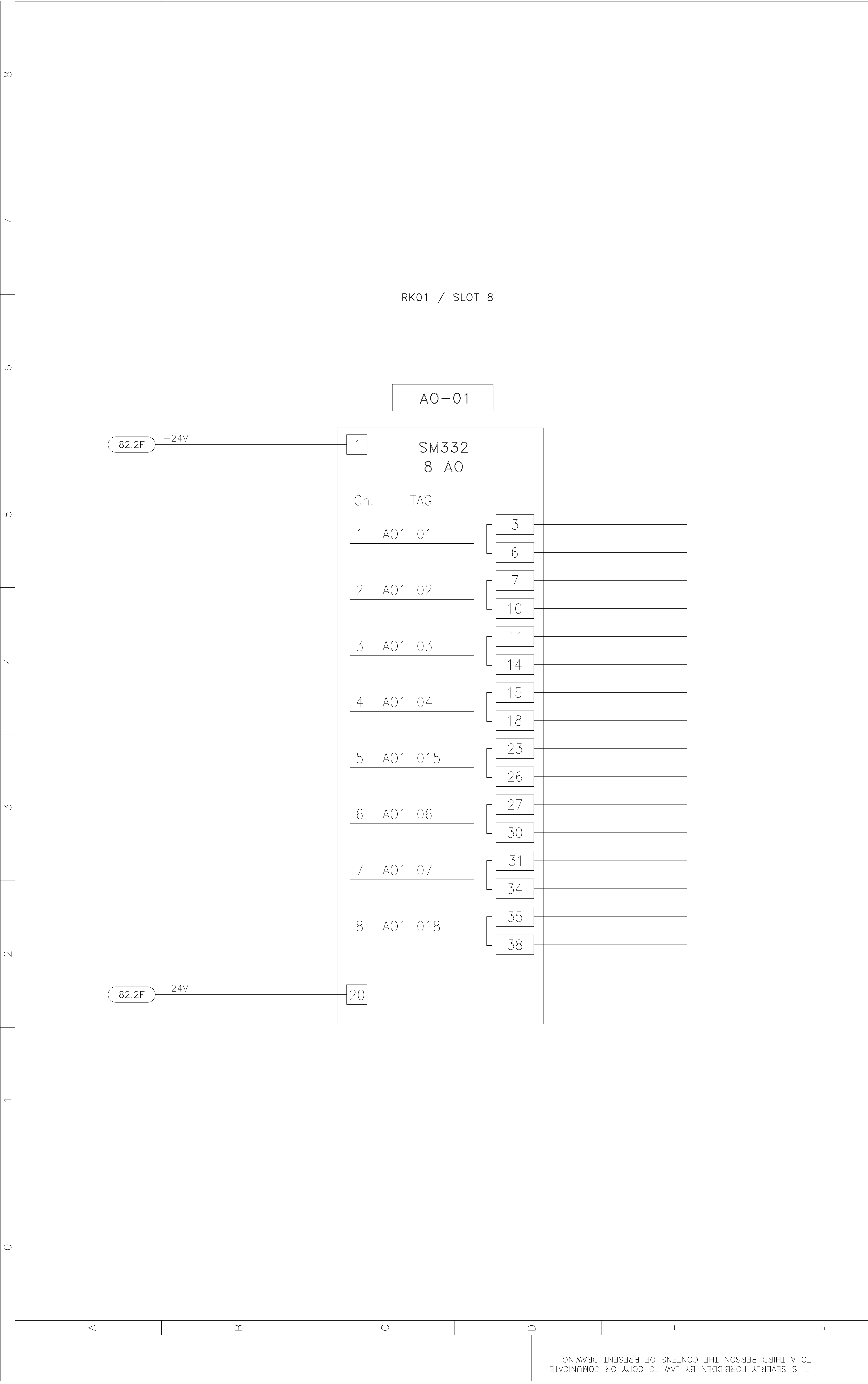
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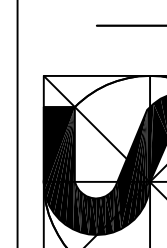

ASCC ALEXANDRIA

ID7854







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