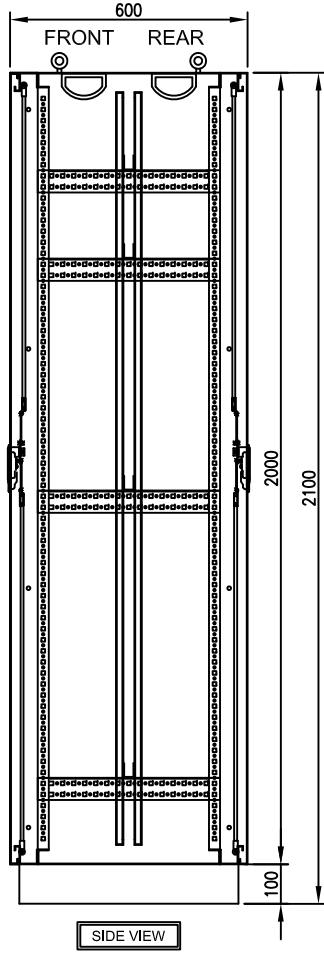
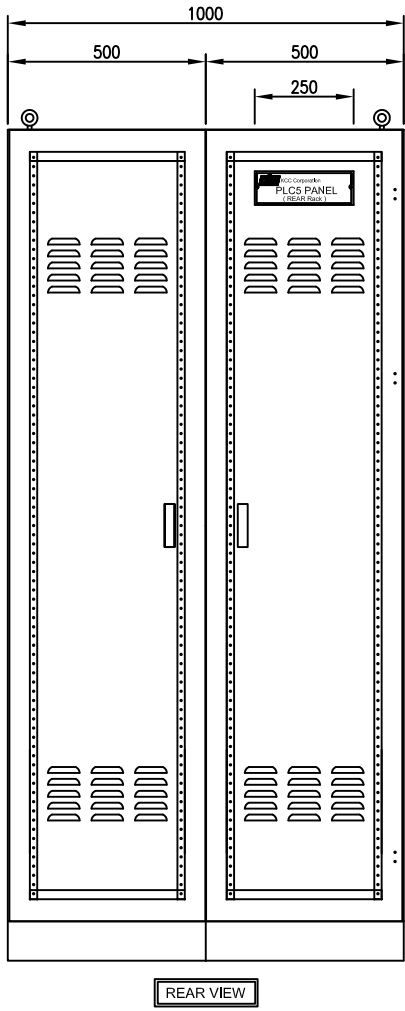
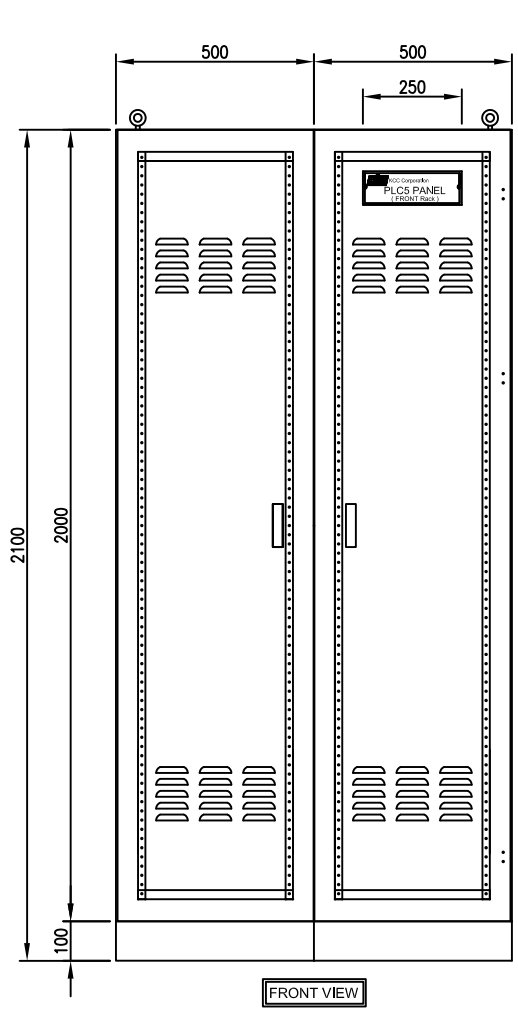


1 2 3 4

D
C
B
A



GENERAL SPECIFICATION

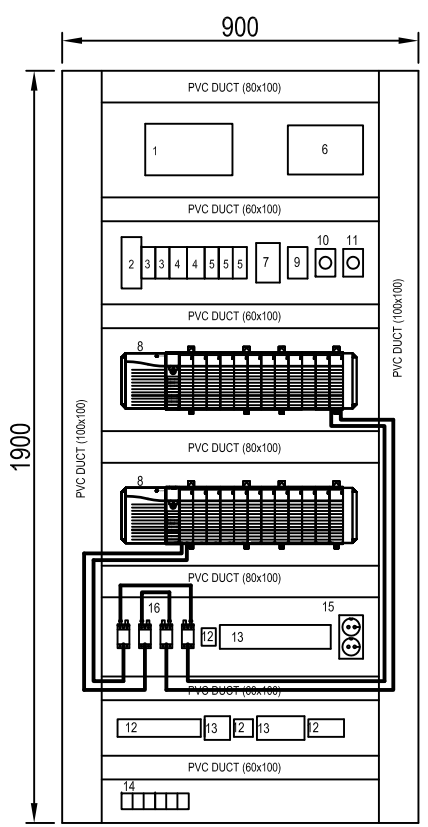
1. ENCLOSER : STEEL FABRICATED SELF-STANDING TYPE
2. MATERIAL : PANEL ALL 2.3t STEEL PLATE
3. CABLE ENTRY : BOTTOM
4. DIMENSION : 1000(W)X 600(D) X 2100(H)
5. PANEL PAINTING COLOR : RAL 7032
6. PROTECTION RATING : IP40

REV.	DATE	DRN	CHG	APPD	DESCRIPTION
CLIENT					
CONTRACTOR					
PROJECT					
 (주)호원아이앤씨 HWM Instrument & Control Co., Ltd.					
TITLE					SCALE
DRAWN					DATE DRAWN
CHECKED					DATE CHECKED
APPROVED					DATE APPROVED
NO.					CLIENT DRAWING NO.

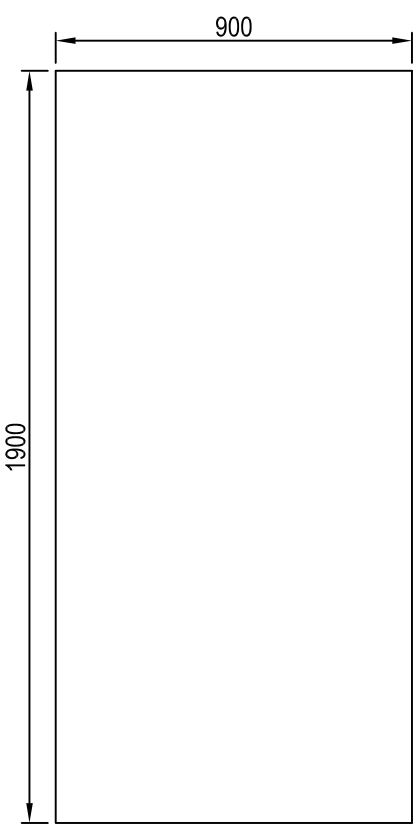
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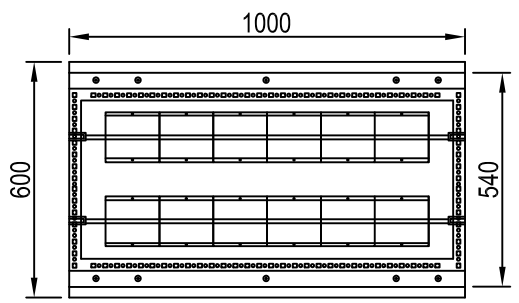
D
C
B
A



FRONT INNER VIEW




REAR INNER VIEW



BOTTOM VIEW

NO.	ITEM NO.	DESCRIPTION	QTY	MODEL	MAKER
1	ATS	AUTO TRANSFER SWITCH	1	PM-ATS-20A	ROYAL
2	MCCB-1	CIRCUIT BREAKER	1	ABS520/50	
3	CP1,2	CIRCUIT PROTECTOR 2P. 20A	2	BKM 220	
4	CP22,23	CIRCUIT PROTECTOR 2P. 10A	2	BKM 210 AL	LSIS
5	CP21,3,4	CIRCUIT PROTECTOR 2P. 6A	3	BKM 26	LSIS
6	DPS1	DC POWER SUPPLY AC220V/DC24V. 20A	1	CP-E 24/20	ABB
7	NF1	NOISE FILTER 16A 220VAC	1	SN-E15H-CM	SUNTRONICS
8	PLC	CONTROLOGIX PLC	1	1756	ALLEN BRADLEY
9	PR	POWER RELAY AC220V	1	SZR-LY4N	
10	START	PUSH BUTTON 22mm	1	XB5AA31(GREEN)	SCHNEIDER
11	STOP	PUSH BUTTON 22mm	1	XB5AA42(RED)	SCHNEIDER
12	TB1,3,5,7	TERMINAL BLOCK	60	ZS4	ABB
13	TB2,4,6	FUSE TERMINAL BLOCK			
14	MTB	TERMINAL BLOCK			
15	RECEPT.	RECEPTACLE AC220V 2P			
16	TAP1,2	CONTROLNET COAX TAP			

1 2 3 4 A3 (420 x 297 m/m)

REV.	DATE	DRN	CHG	APPD	DESCRIPTION
CLIENT					
CONTRACTOR					
 (주)호원아이앤씨 HWM Instrument & Control Co., Ltd.					
PROJECT					
DESIGNED BY	TITLE				
DRAWN	PLC PANEL				
CHECKED	PLC PANEL INNER VIEW				
APPROVED					
SCALE	DATE DRAWN	DATE REV.			

1

2

3

4

D

D

C

C

B

B

A

A

1

2

3

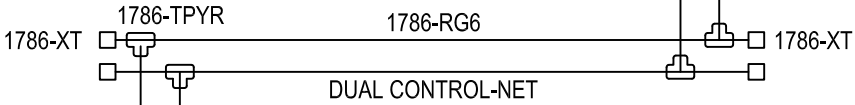
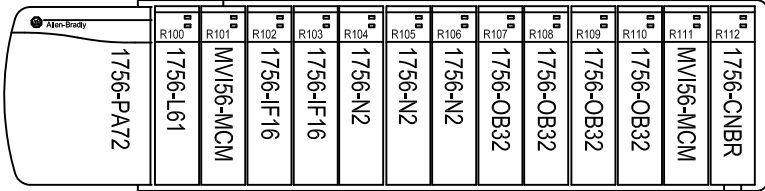
4

A3 (420 x 297 m/m)

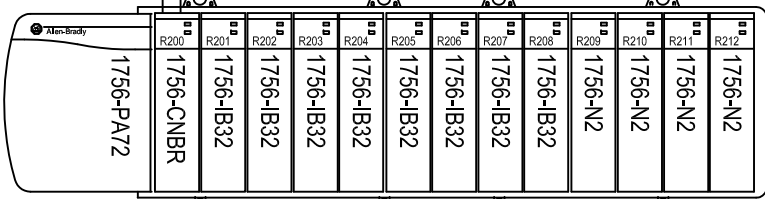
DCS
ABB

MODBUS

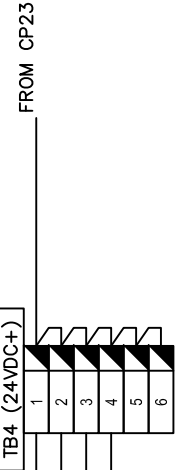
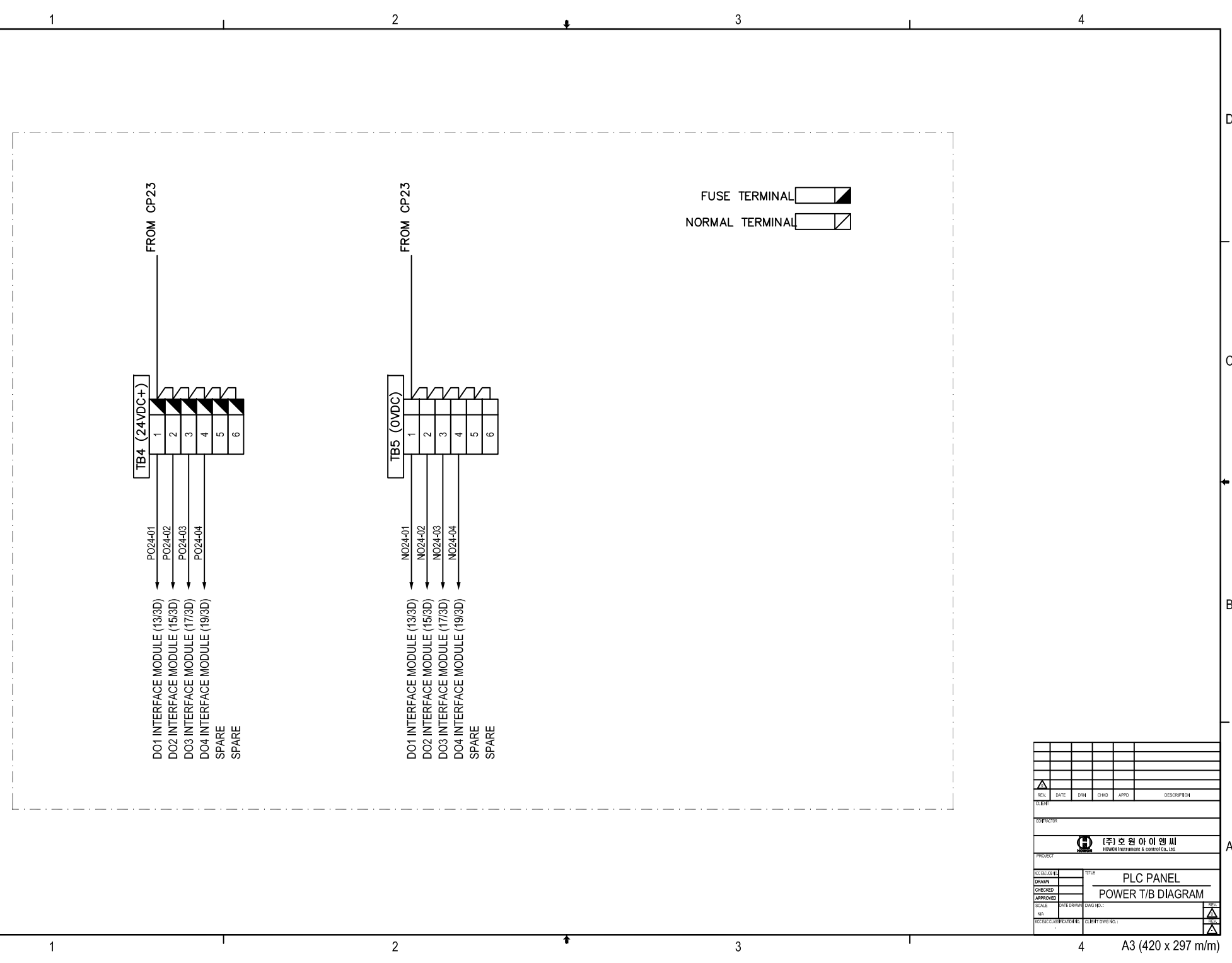
1756-A13



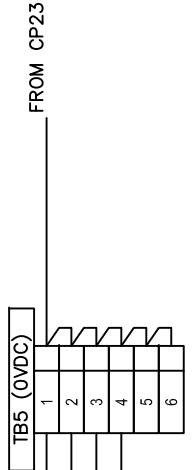
1756-A13



REV.	DATE	BY	CHKD	APPD	DESCRIPTION
CLIENT					
CONTRACTOR					
(주)호원아이앤씨 HWIN Instrument & Control Co., Ltd.					
PROJECT					
DESIGNED BY	TITLE				
DRAWN	PLC PANEL				
CHECKED	SYSTEM CONFIGURATION				
APPROVED					
SCALE	DATE DRAWN	DATE NO.			
NO.					
DESIGN CONSULTANT NO.	CLIENT DRAWING NO.				



DO1 INTERFACE MODULE (13/3D)
DO2 INTERFACE MODULE (15/3D)
DO3 INTERFACE MODULE (17/3D)
DO4 INTERFACE MODULE (19/3D)
SPARE
SPARE



DO1 INTERFACE MODULE (13/3D)
DO2 INTERFACE MODULE (15/3D)
DO3 INTERFACE MODULE (17/3D)
DO4 INTERFACE MODULE (19/3D)
SPARE
SPARE

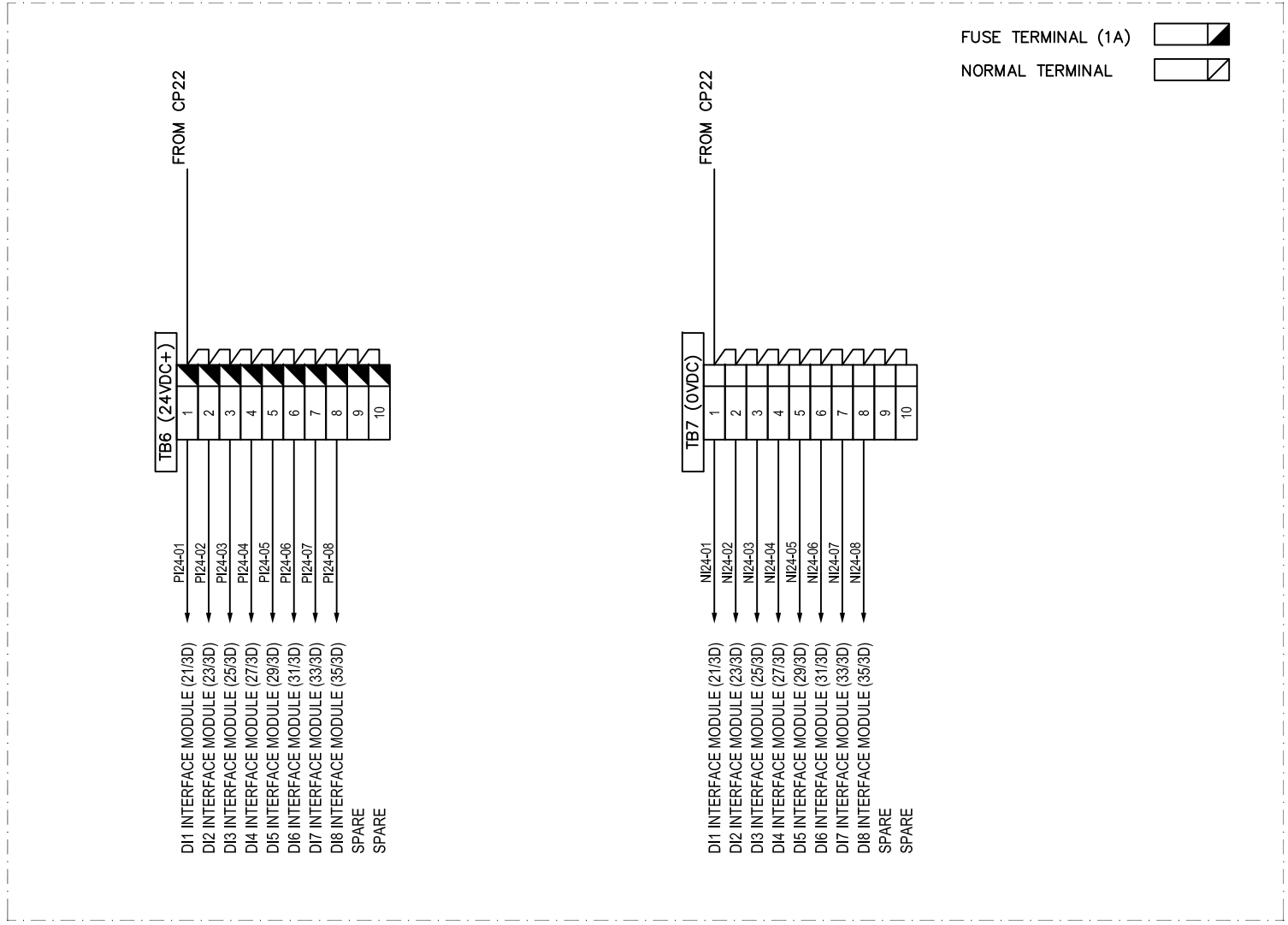
FUSE TERMINAL

NORMAL TERMINAL


REV.	DATE	DRN	CHKD	APPD	DESCRIPTION
CLIENT					
CONTRACTOR					
(주)호원아이앤씨 HWIN Instrument & control Co., Ltd.					
PROJECT					
DRAWN	TITLE				
CHECKED	PLC PANEL				
APPROVED	POWER T/B DIAGRAM				
SCALE	DATE DRAWN	DATE	DATE	DATE	DATE
DESIGN/CONSTRUCTION NO.					
CLIENT/OWNER NO.					

1 2 3 4

D C B A



1 2 3 4

REV.	DATE	DRN	CHG	APPR	DESCRIPTION
CONTRACTOR					
 (주) 호원아이앤씨 HANWON Instrument & Control Co., Ltd.					
PROJECT					
DRAWN	TITLE				
CHECKED	PLC PANEL				
APPROVED	POWER T/B DIAGRAM				
SCALE	DATE DRAWN	DRAWN NO.		SCALE	
NO.					
DESIGN CONSULTANT NO.	CLIENT DRAWING NO.				

A3 (420 x 297 m/m)