

Client: Intac Systems Solution Pte Ltd

Title:

ACP-BLK 2-L1-08

Manufacturer: Amega Energy Pte Ltd
3018 Bedok North Street 5



Project:

DIEPPE BARRACK

KB-1 #04-03
Singapore 416087

Control Circuit Diagram

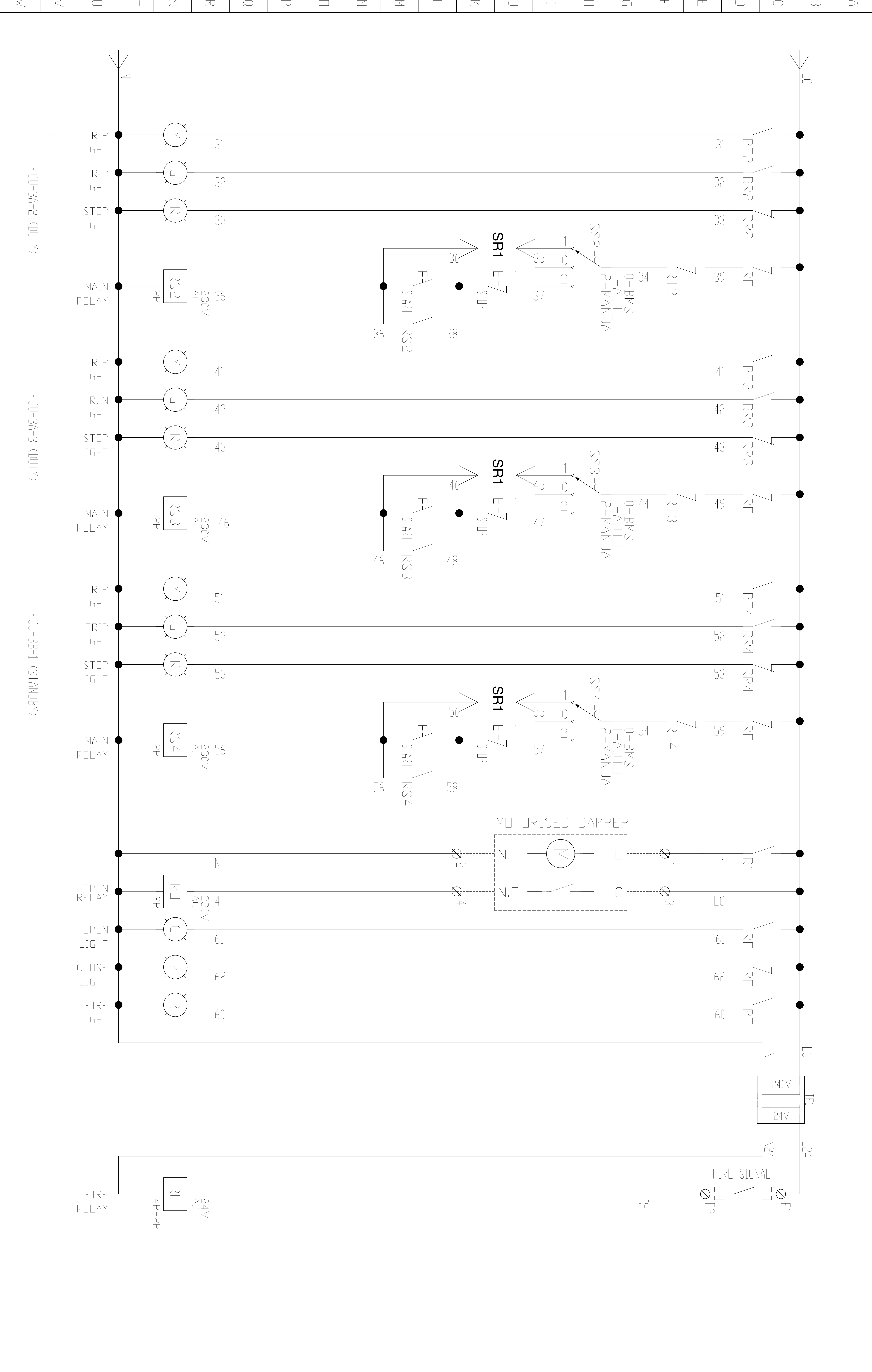
Tel: +65 6441 0200 Fax: +65 6441 0600

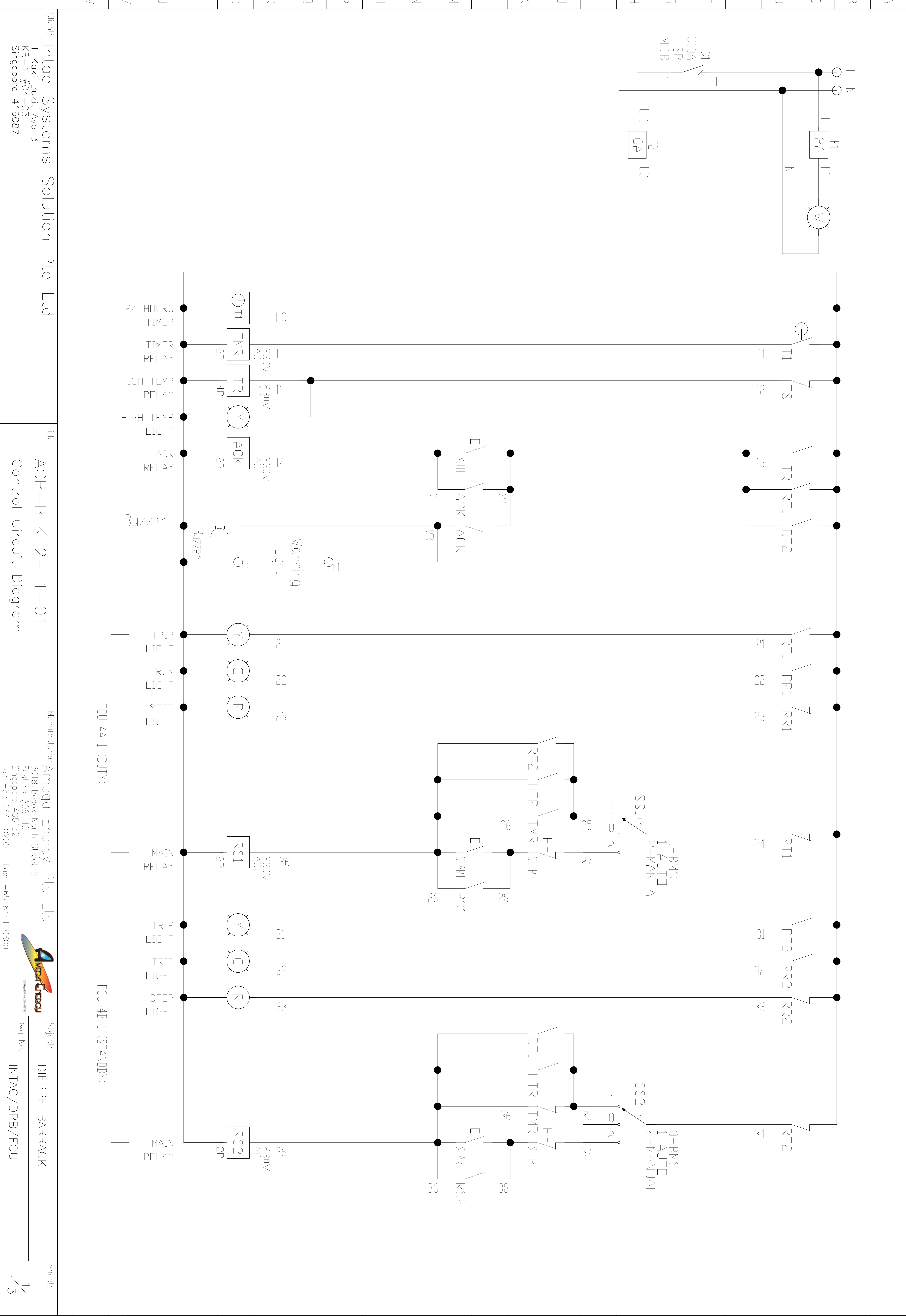
Fax: +65 6441 0600

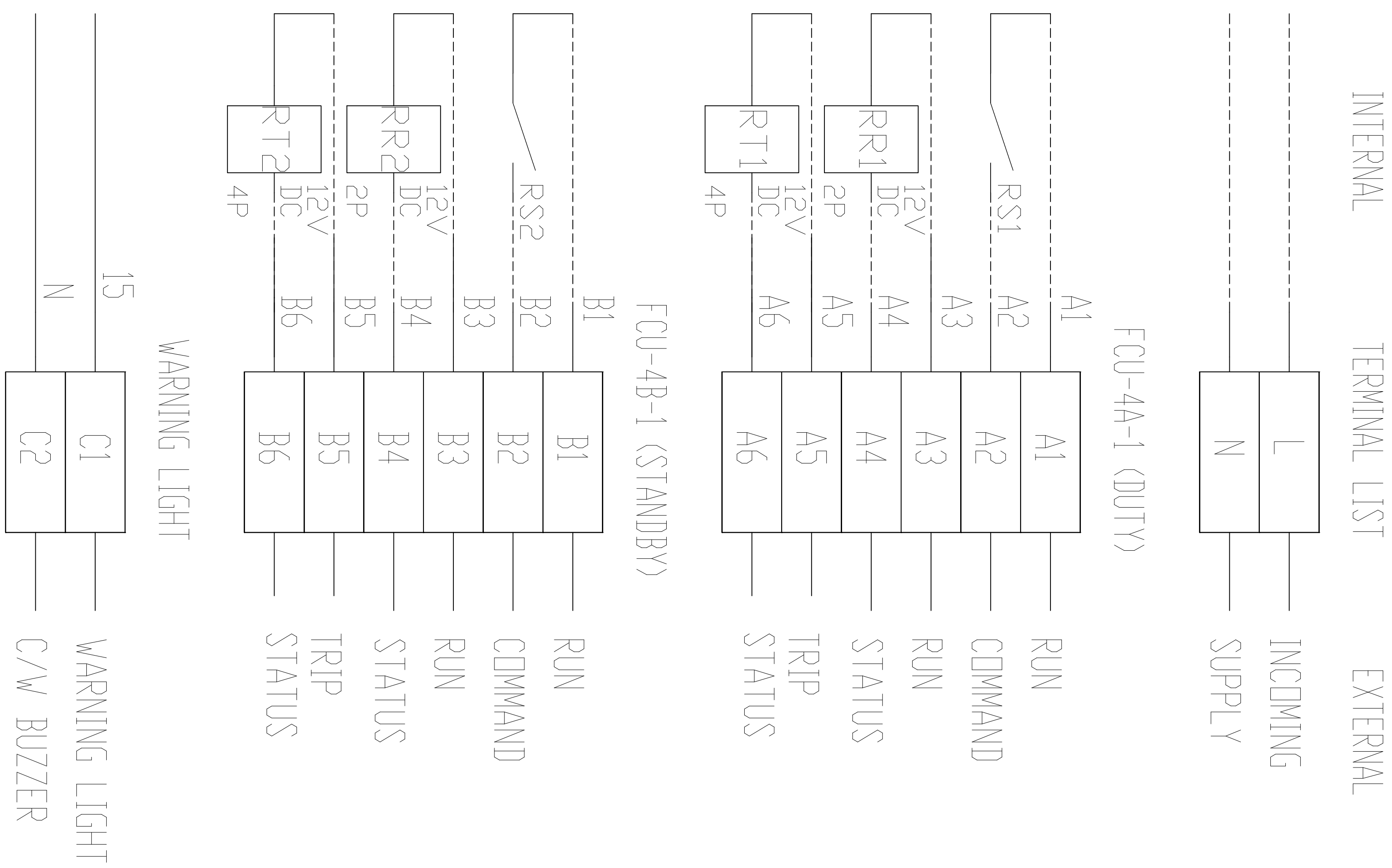
Dwg No. : INTAC/DPB/FCU

Sheet:

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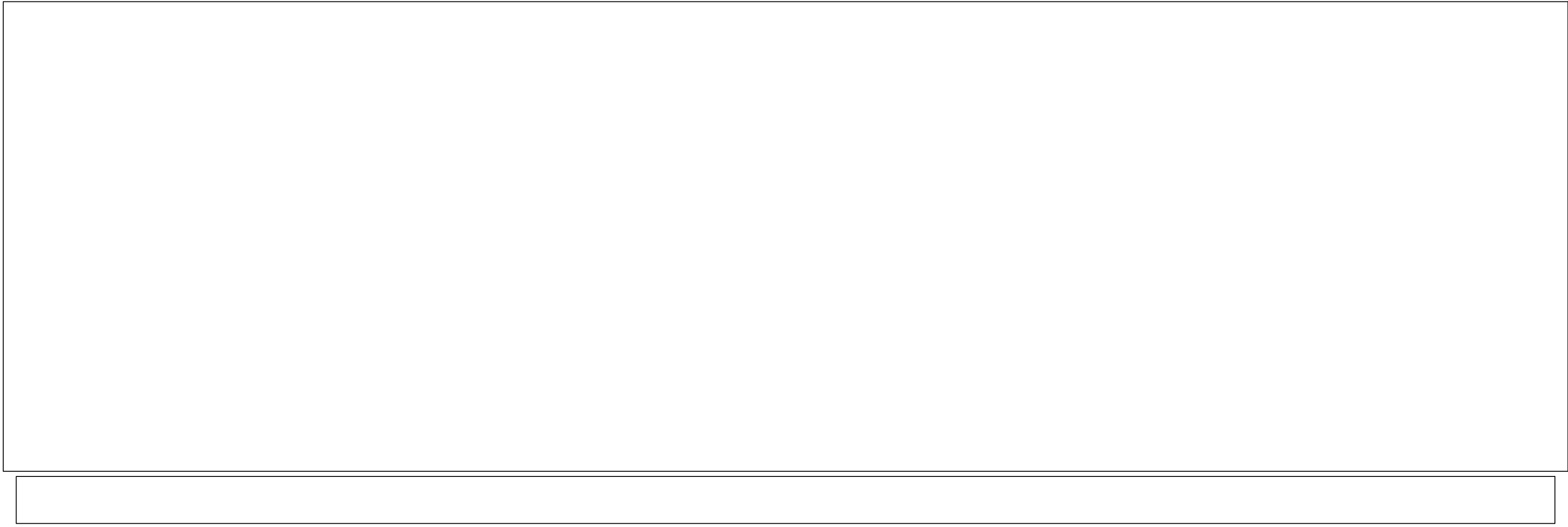
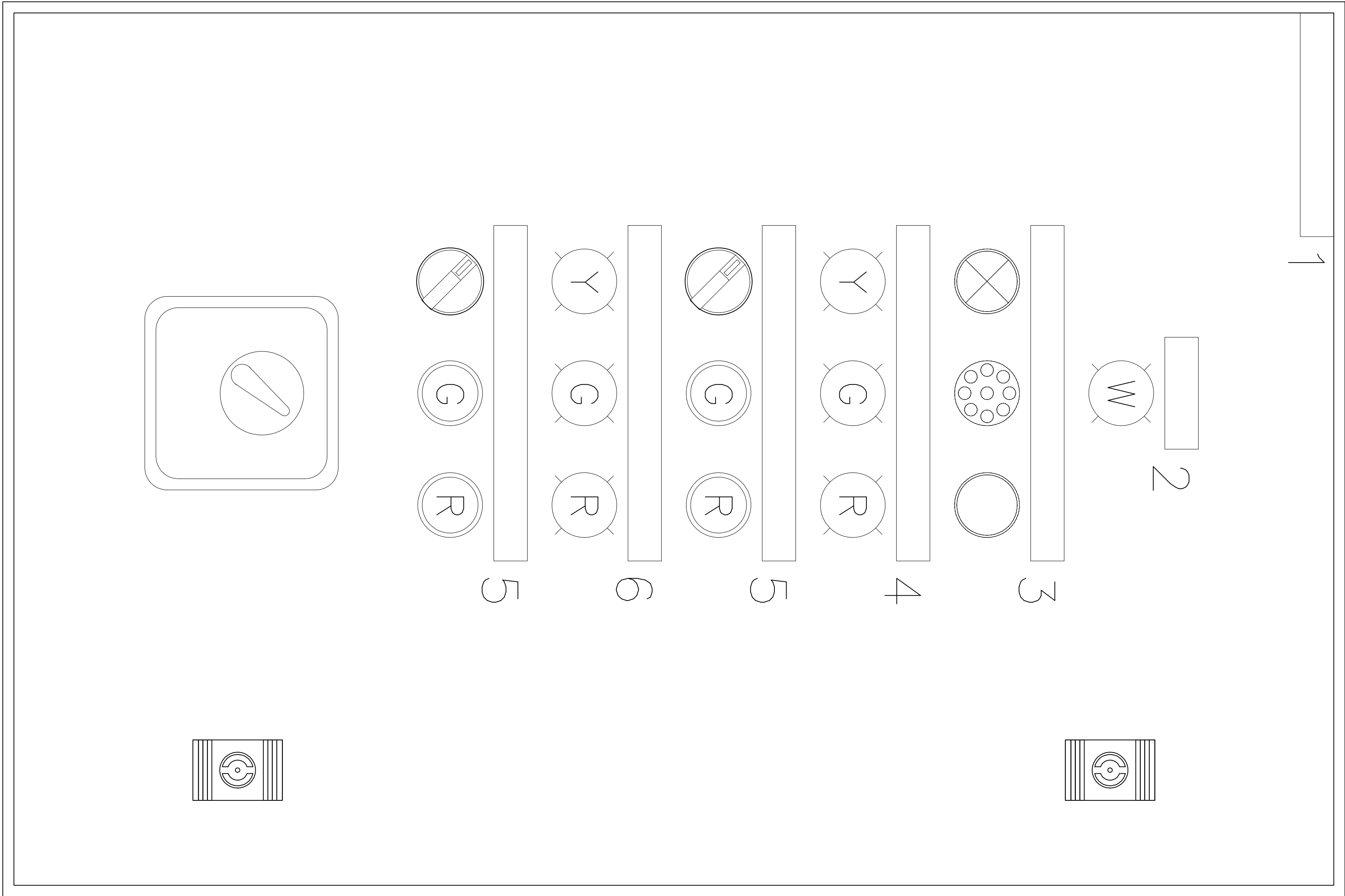
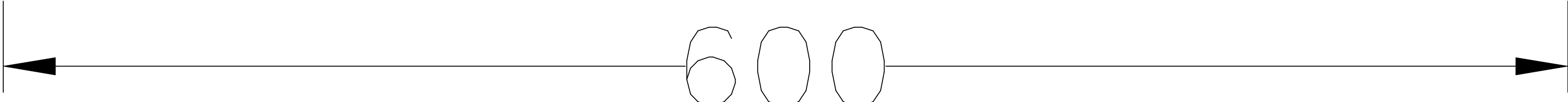
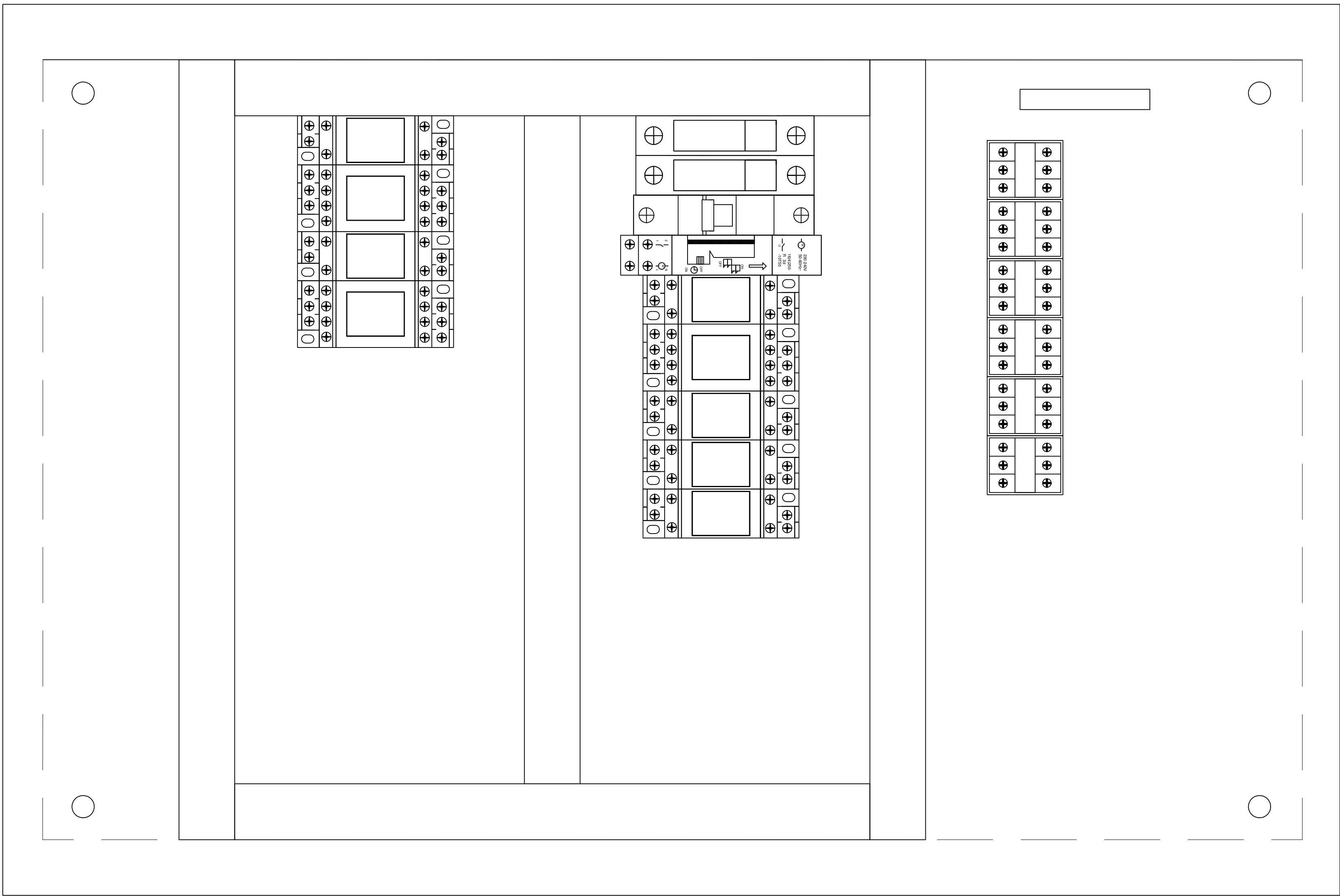
APPLICABLE TO:
PANEL FCU

ACP-BLK	2-L1-01	FCU-4A-1
		FCU-4B-1
ACP-BLK	2-L1-02	FCU-4A-2
		FCU-4B-2
ACP-BLK	2-L1-03	FCU-4A-3
		FCU-4B-3
ACP-BLK	2-L1-04	FCU-4A-4
		FCU-4B-4
ACP-BLK	2-L1-07	FCU-4A-7
		FCU-4B-7
ACP-BLK	2-L3-01	FCU-17A-1
		FCU-17B-1
ACP-BLK	2-L3-02	FCU-17A-2
		FCU-17B-2
ACP-BLK	2-L3-03	FCU-17A-3
		FCU-17B-3
ACP-BLK	2-L3-04	FCU-17A-4
		FCU-17B-4

Client:	Intac Systems Solution Pte Ltd 1 Kaki Bukit Ave 3 KB-1 #04-03 Singapore 416087	
Title:	ACP-BLK 2-L1-01 Control Circuit Diagram	
Manufacturer:	Amega Energy Pte Ltd 3018 Bedok North Street 5 Eastlink #06-40 Singapore 486132 Tel: +65 6441 0200 Fax: +65 6441 0600	
Project:	DIEPPE BARRACK	
	Dwg No. : INTAC/DPB/FCU	
Sheet:	2 / 3	

400

200



Labels:

1
ACP-BLK 2-L1-01

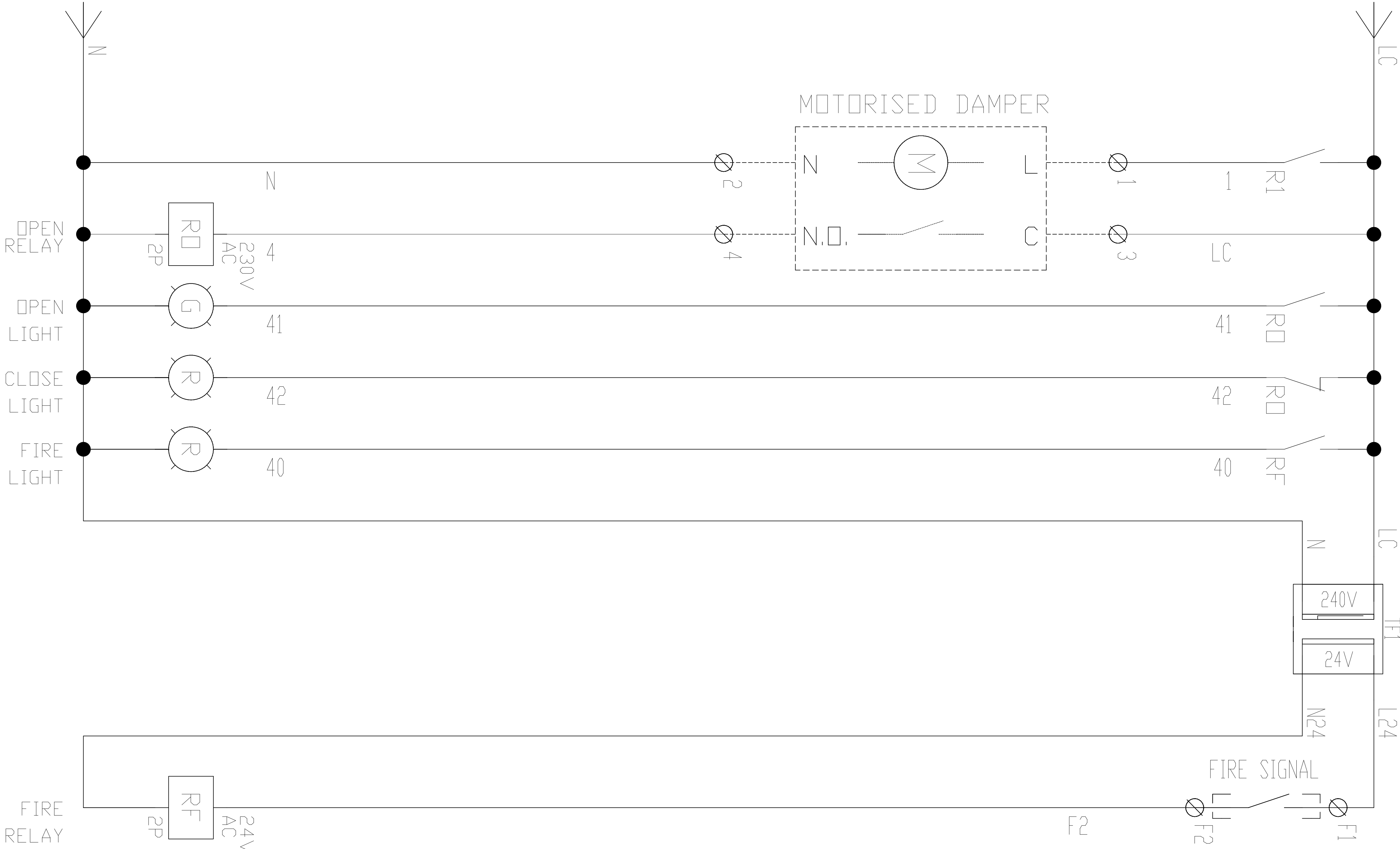
2
INCOMING
LIGHT

3
HIGH
TEMP BUZZER MUTE

4
TRIP FCU-4A-1
RUN STOP

5
BMS
AUTO MANUAL START STOP

6
TRIP FCU-4B-1
RUN STOP

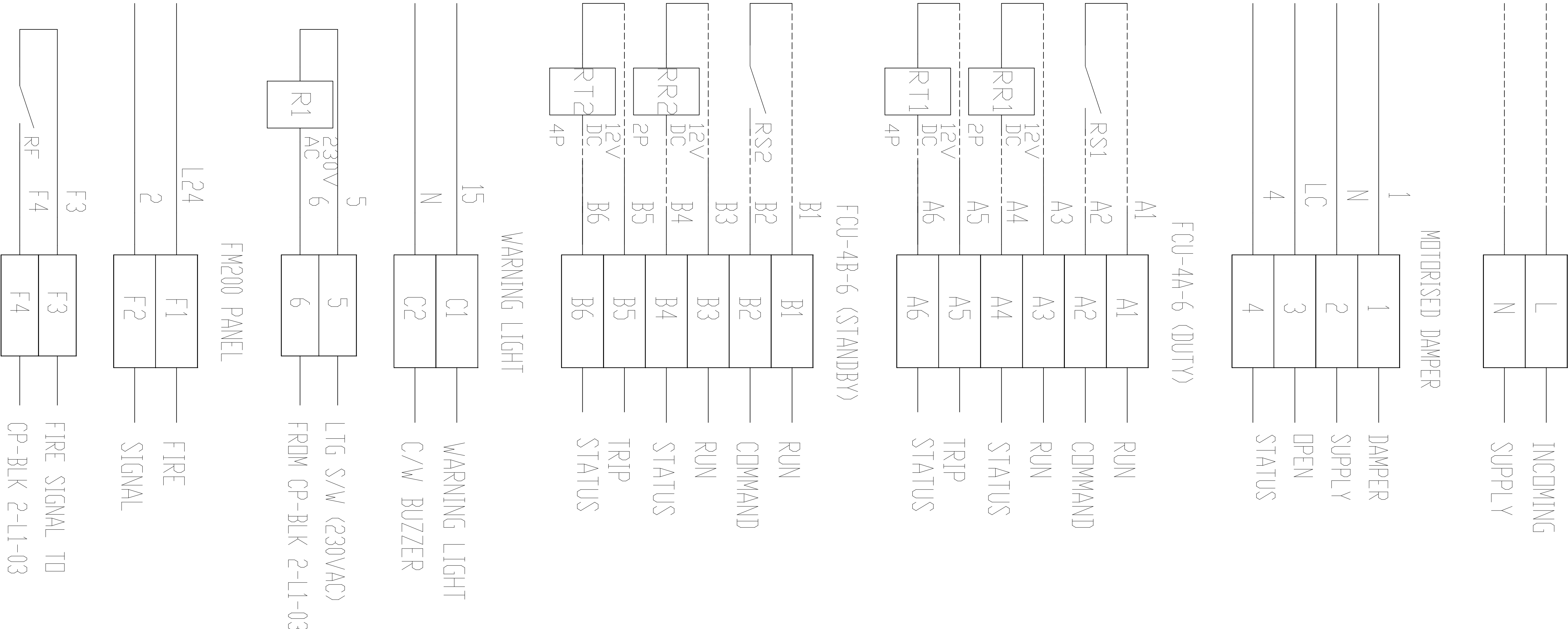


- APPLICABLE TD:
PANELFCU
- ACP-BLK 2-L1-06FCU-4A-6
- FCU-4B-6
- ACP-BLK 2-L1-09FCU-4A-8
- FCU-4B-8

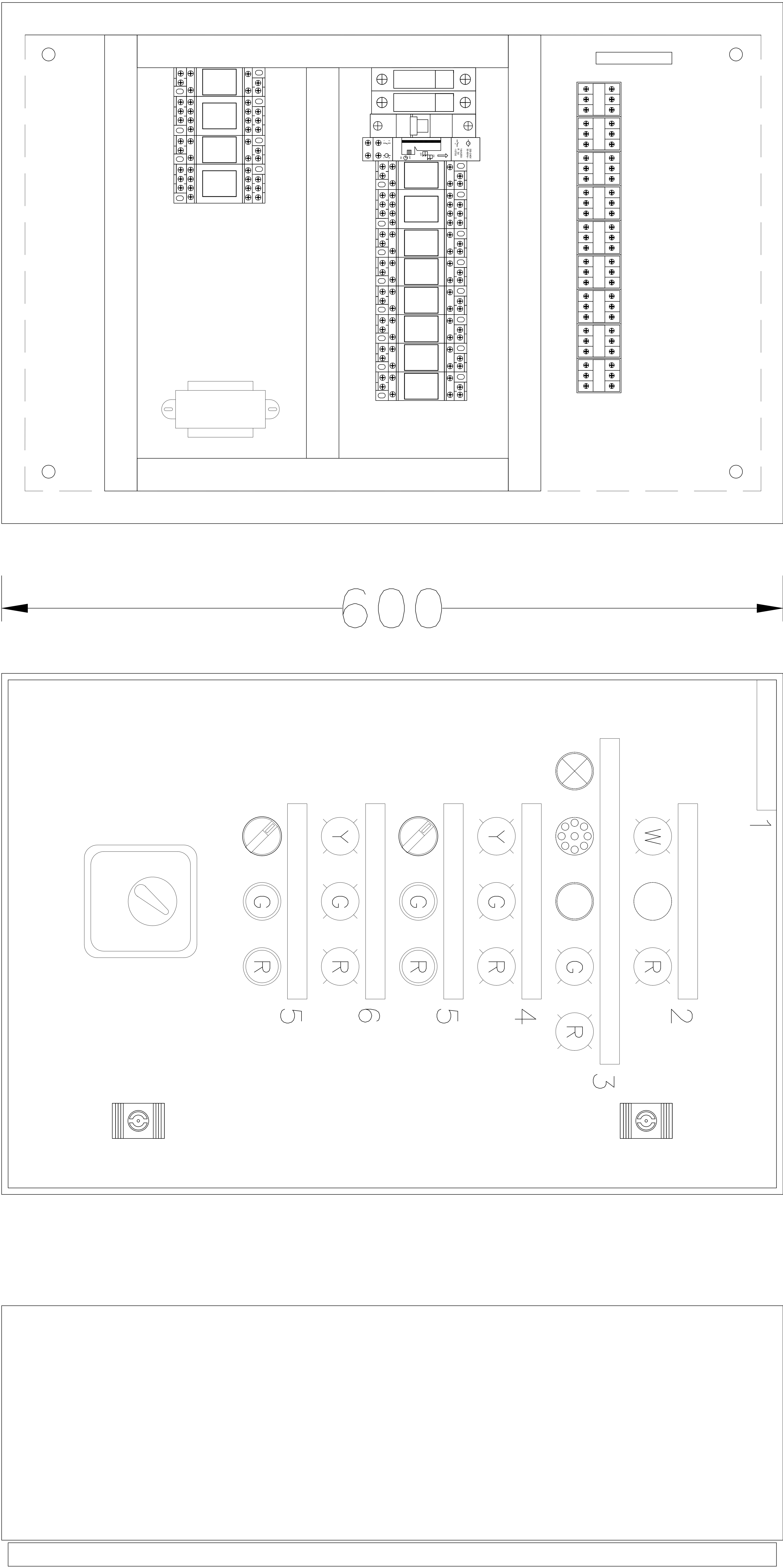
INTERNAL

TERMINAL LIST

EXTERNAL



400200



Labels:

1 ACP-BLK 2-L1-06

2 INCOMING LIGHT FIRE

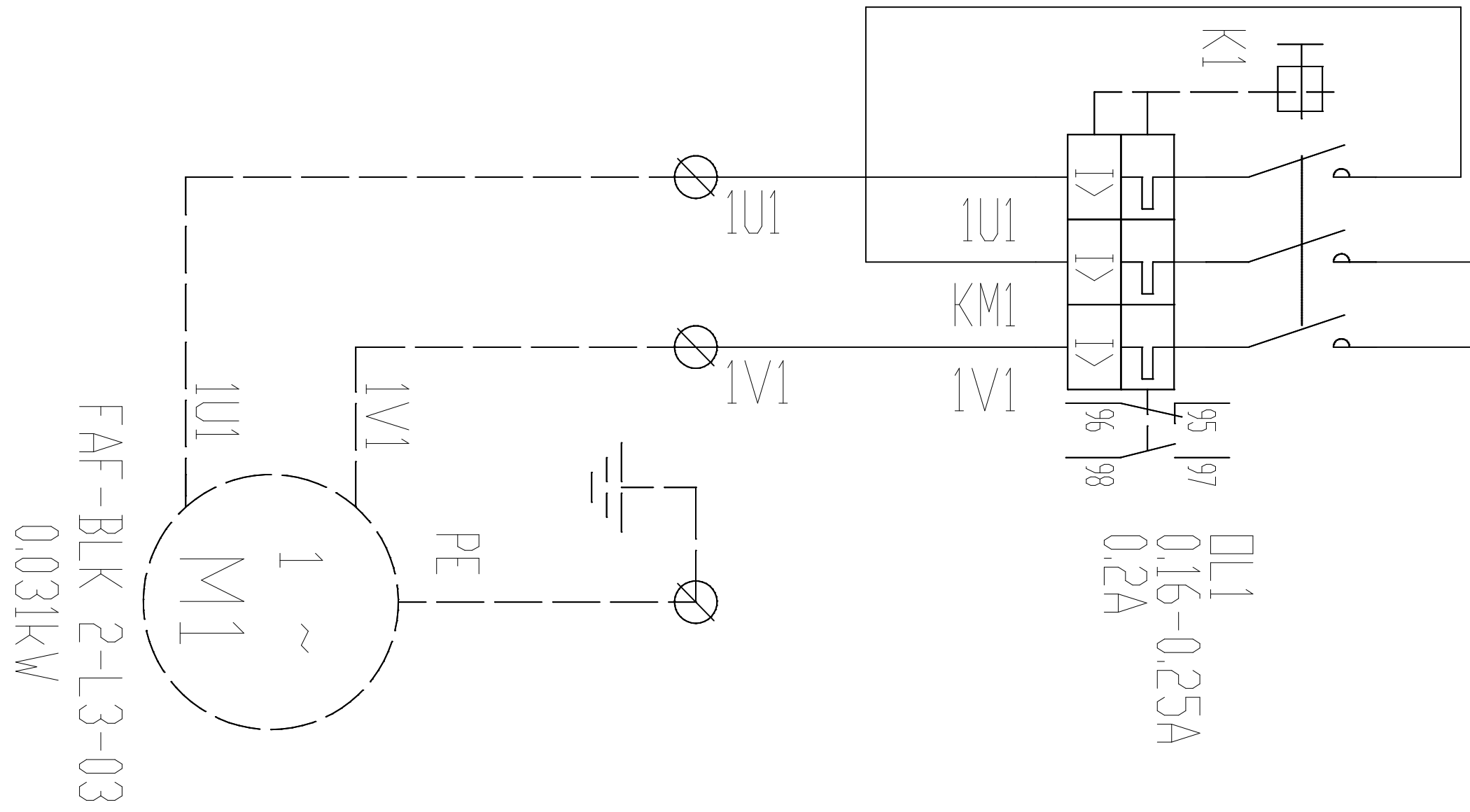
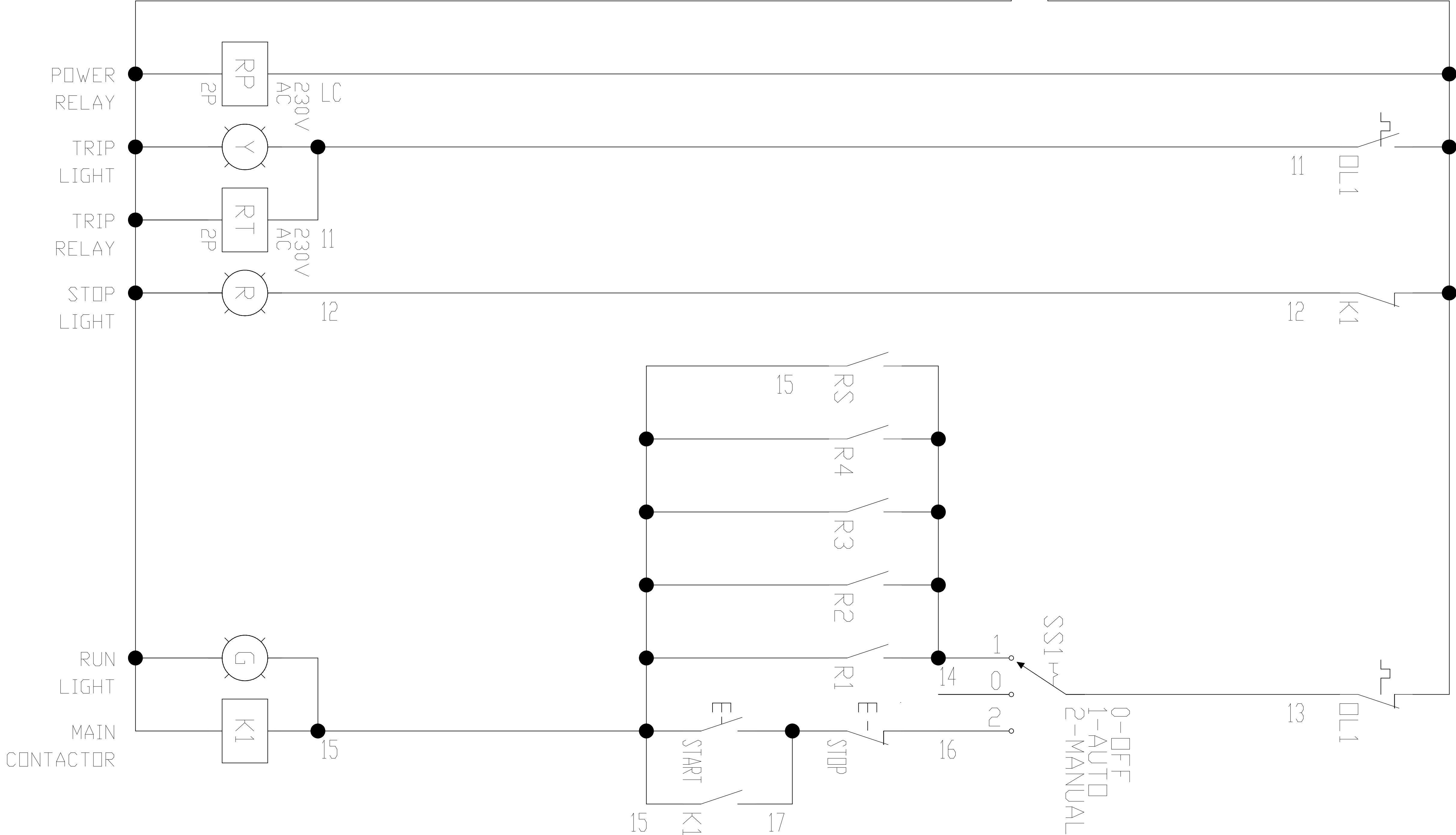
3 HIGH TEMP BUZZER MUTE MOTORISED DAMPER OPEN CLOSE

4 TRIP FCU-4A-6 RUN STOP

5 BMS AUTO MANUAL START STOP

6 TRIP FCU-4B-6 RUN STOP

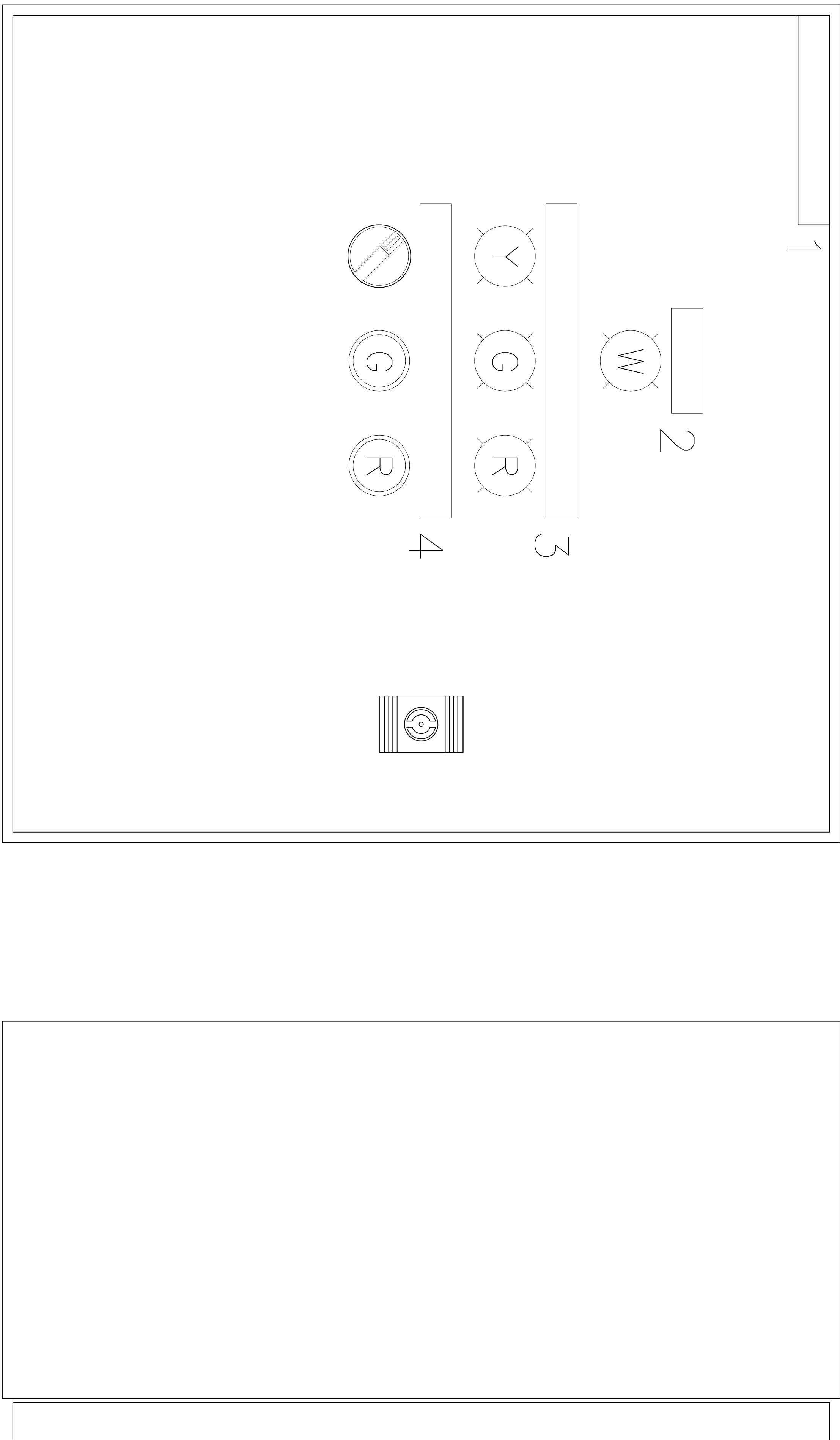
INTERNAL		TERMINAL LIST	EXTERNAL
----- L N		L N	INCOMING SUPPLY
----- 1U 1V		1U 1V	TD FAF-BLK 2-L3-03
1		1	TD
R1 2P AC 2		2	LTG S/W (230VAC)
R2 2P AC 3		3	TD
R2 2P AC 4		4	LTG S/W (230VAC)
R3 2P AC 5		5	TD
R3 2P AC 6		6	LTG S/W (230VAC)
R4 2P AC 7		7	TD
R4 2P AC 8		8	LTG S/W (230VAC)
A1		BMS	
A1		A1	FAF-BLK 2-L3-03
RS 2P AC A2		A2	RUN COMMAND
RP 2P AC A3		A3	COMMON
SS1 A4		A4	POWER STATUS
RT A5		A5	FAF-04 AUTO
K1 A6		A6	FAF-04 TRIP
K1 A7		A7	FAF-04 RUN



Client:	Intac Systems Solution Pte Ltd 1 Kaki Bukit Ave 3 KB-1 #04-03 Singapore 416087	Title:	CP-BLK 2-L3-03 Control Circuit Diagram	Manufacturer:	Amega Energy Pte Ltd 3018 Bedok North Street 5 Eastlink #06-40 Singapore 486132 Tel: +65 6441 0200 Fax: +65 6441 0600	Project:	DIEPPE BARRACK	Sheet:	1/2
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400

200



400

Labels:

1

CP-BLK 2-L3-03

2

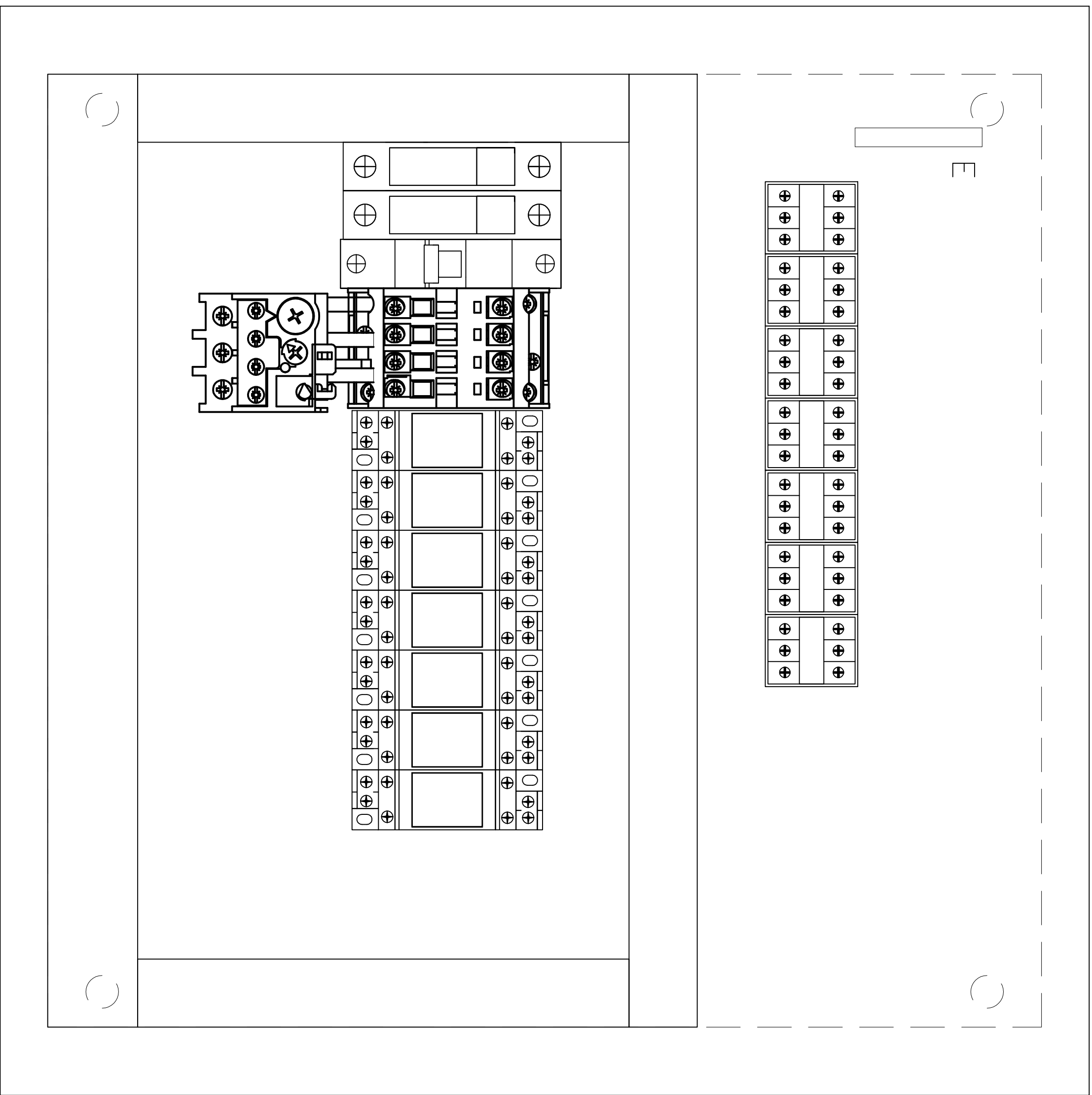
INCOMING
LIGHT

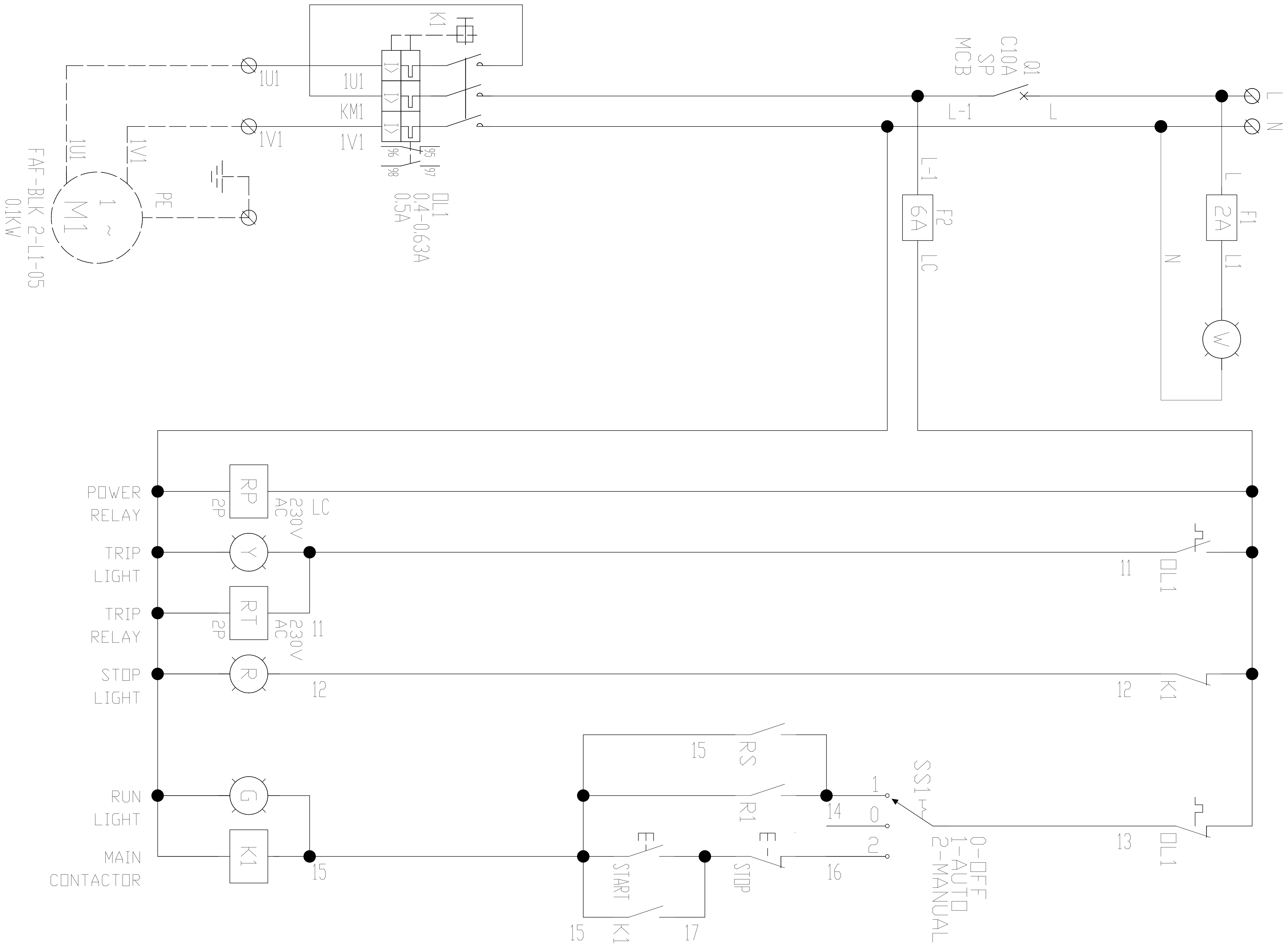
3

TRIP FAF-BLK 2-L3-03 STOP

4

OFF AUTO MANUAL START STOP

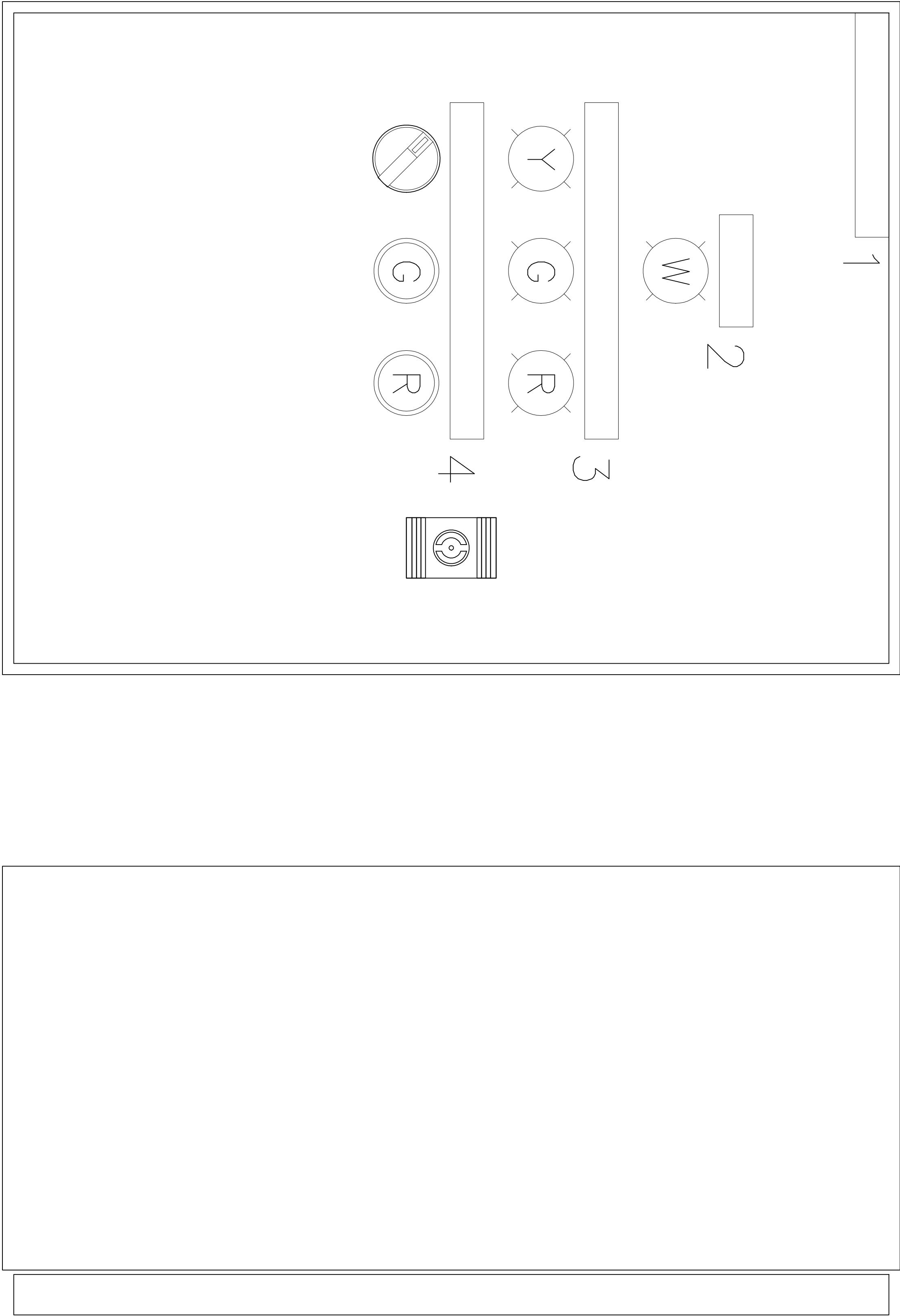




INTERNAL		TERMINAL LIST	EXTERNAL
L		L	INCOMING SUPPLY
N		N	
1U		1U	TD
1V		1V	FAF-BLK 2-L1-05
1		1	TD
2		2	LTG S/W (230VAC)
BMS			
A1	A1	A1	FAF-BLK 2-L1-05
A2	A2	A2	RUN COMMAND
A3	A3	A3	COMMON
A4	A4	A4	POWER STATUS
A5	A5	A5	FAF-05 AUTO
A6	A6	A6	FAF-05 TRIP
A7	A7	A7	FAF-05 RUN

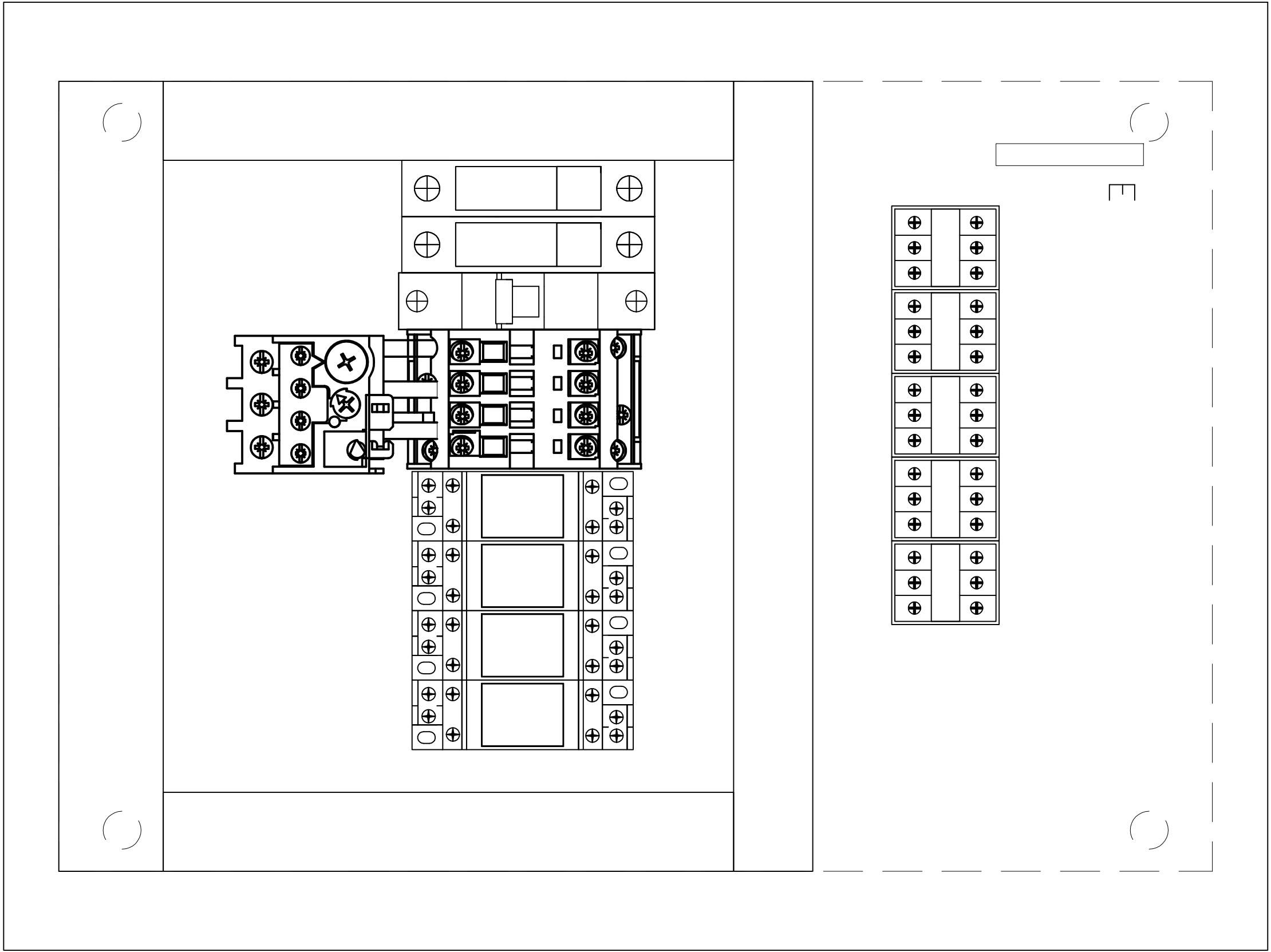
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300200



400

APPLICABLE TD:		FAN		DL/SETTING		INTERLOCK	
PANEL							
CP-BLK 2-L1-05		FAF-BLK 2-L1-05		0.4-0.63A/0.5A		1 LTG S/W	
CP-TEAF-BLK 2-L2-01		TEAF-BLK 2-L2-01		0.4-0.63A/0.5A		1 LTG S/W	



Labels:

- 1

CP-BLK 2-L1-05
- 2

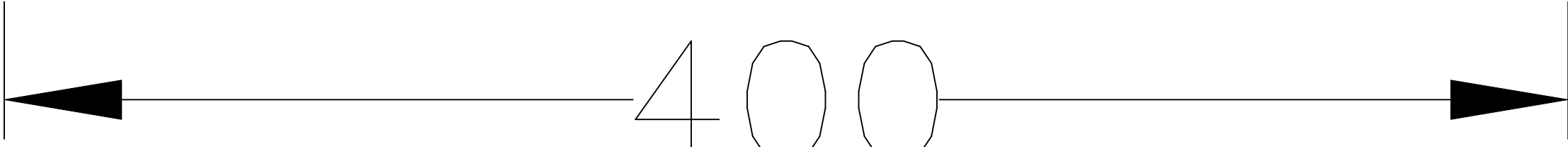
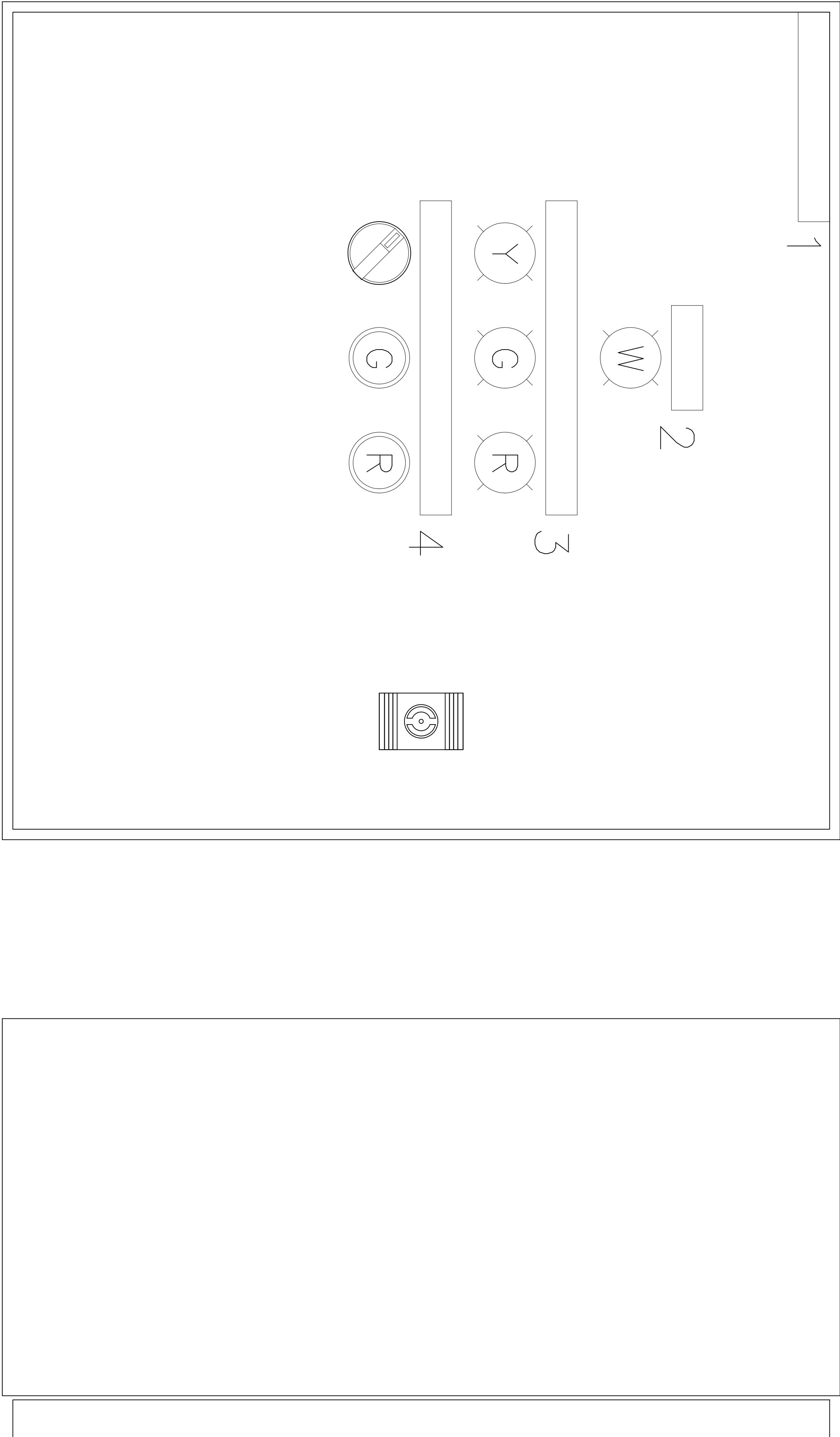
INCOMING LIGHT
- 3

FAF-BLK 2-L1-05 RUN STOP
- 4

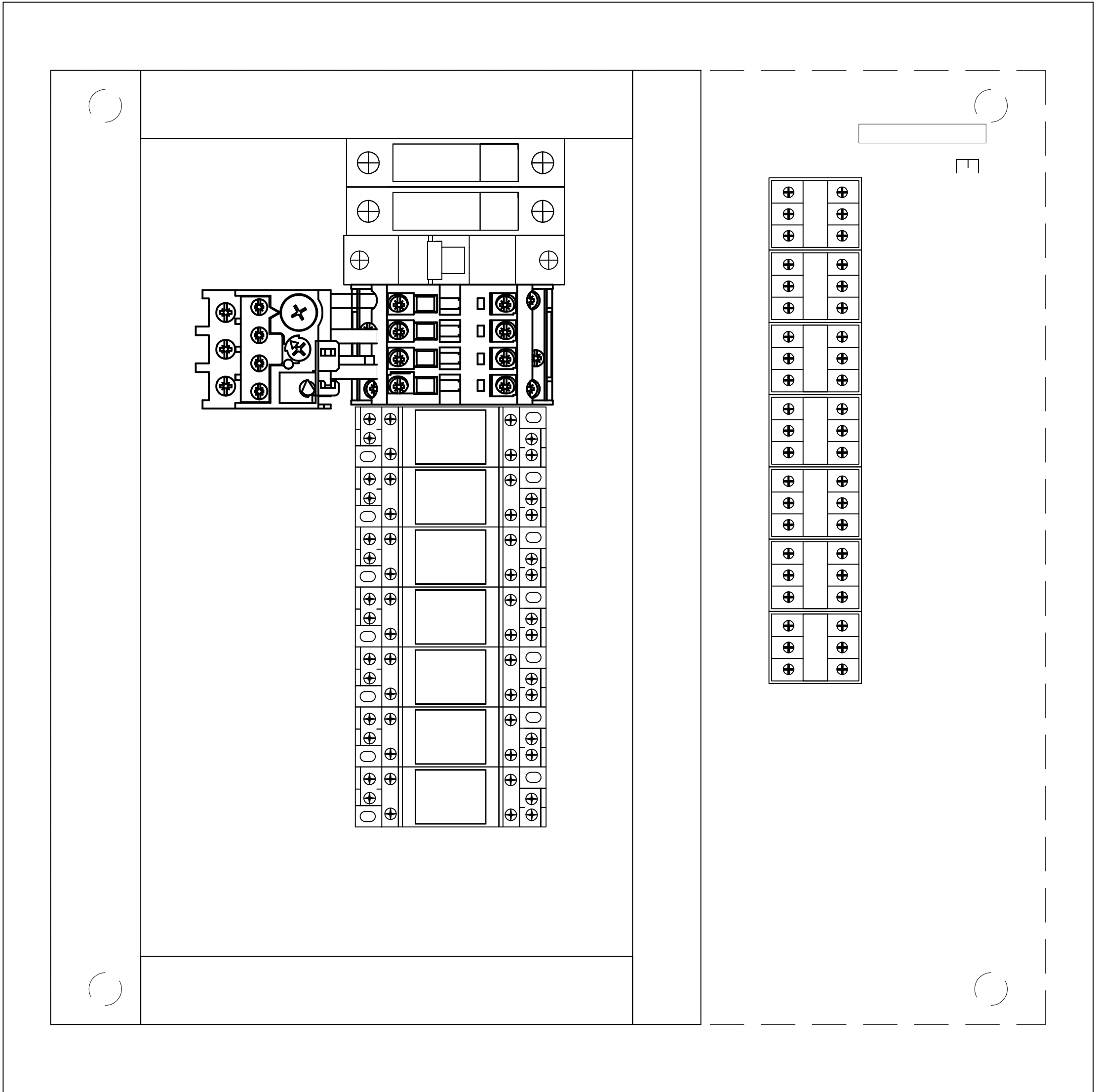
OFF AUTO MANUAL START STOP

123456789101112131415161718192021222324252627282930313233343536

400200



APPLICABLE TD: PANEL			FAN			DL/SETTING			INTERLOCK		
CP-BLK	2-L2-01		FAF-BLK	2-L2-01		0.63-1.0A/0.7A			4	FCU	
CP-BLK	2-L2-02		FAF-BLK	2-L2-02		1.0-1.4A/1.0A			4	FCU	
CP-BLK	2-L3-01		FAF-BLK	2-L3-01		0.4-0.63A/0.5A			2	FCU	
CP-BLK	2-L3-02		FAF-BLK	2-L3-02		0.63-1.0A/0.7A			4	FCU	



Labels:

- 1

CP-BLK 2-L2-01
- 2

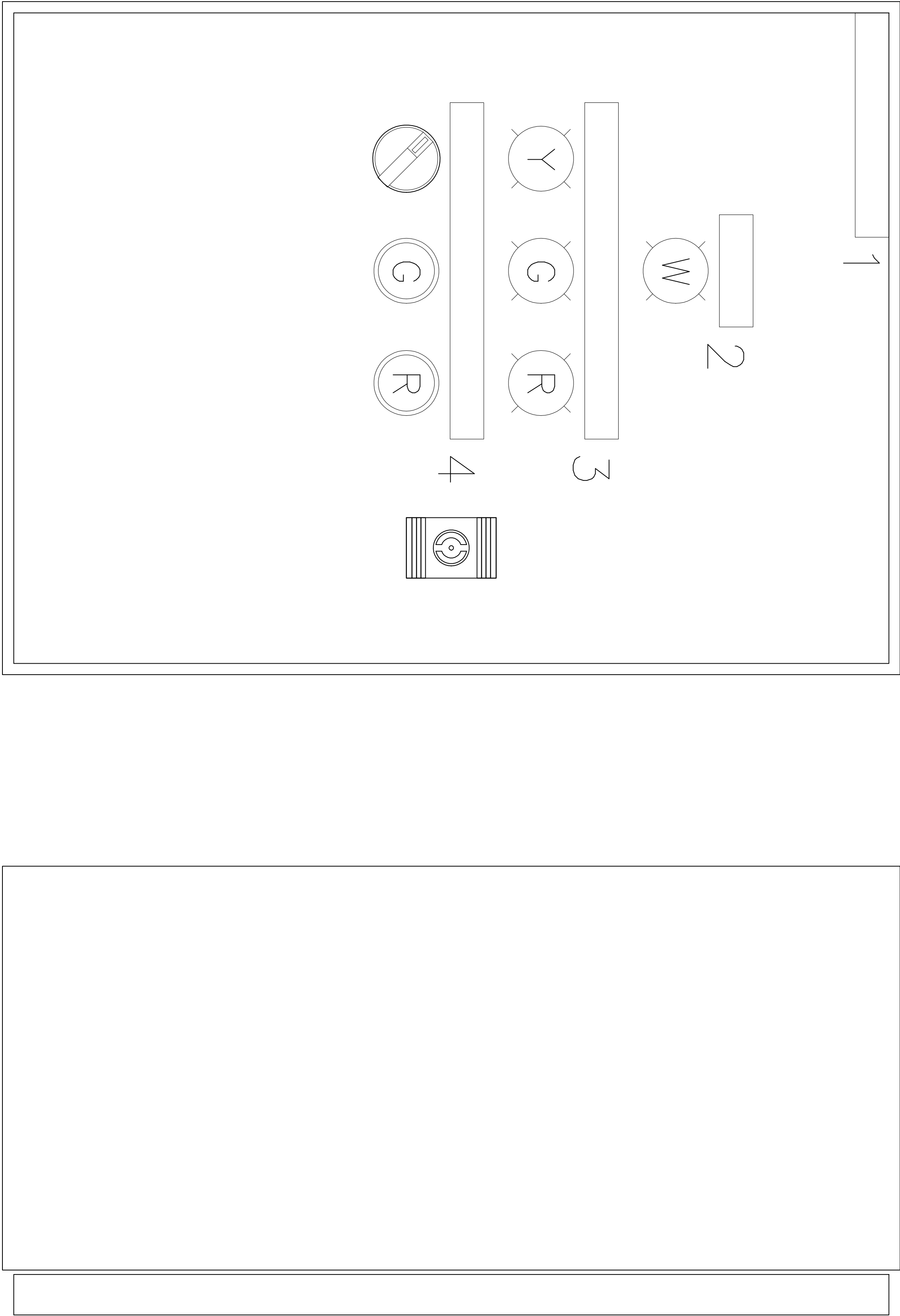
INCOMING LIGHT
- 3

TRIP FAF-BLK 2-L2-01 RUN STOP
- 4

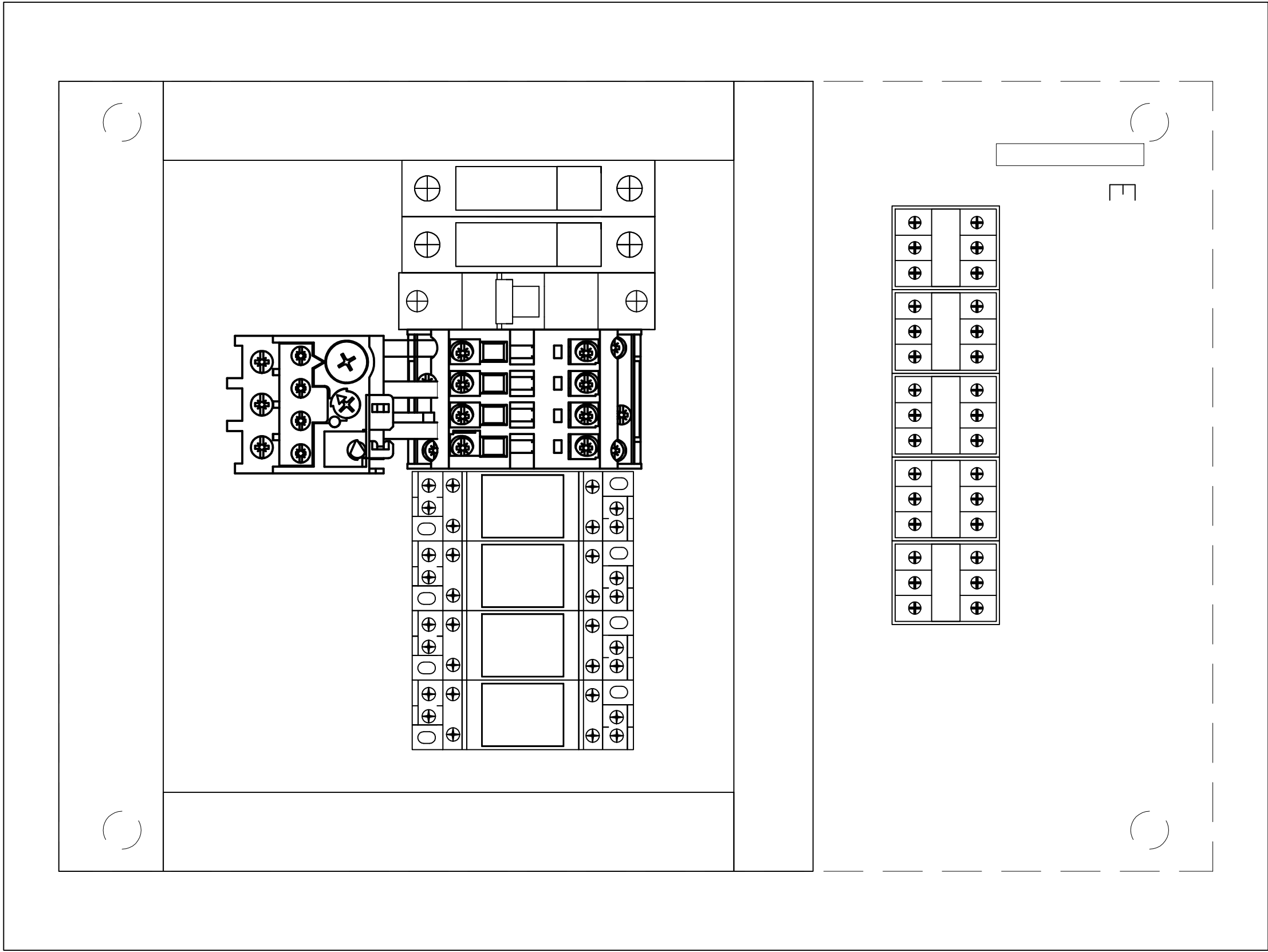
OFF AUTO MANUAL START STOP

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300200



400



Labels:

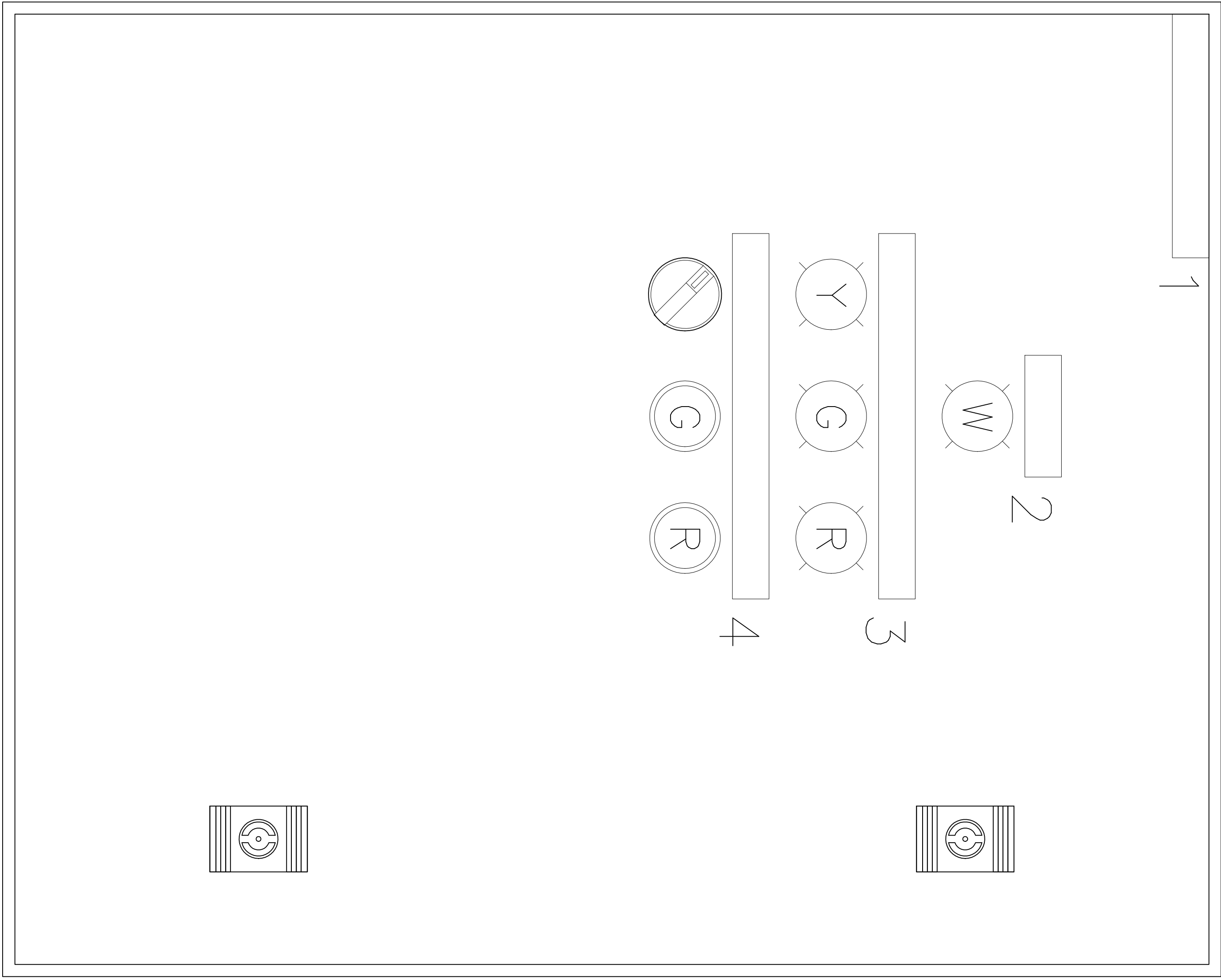
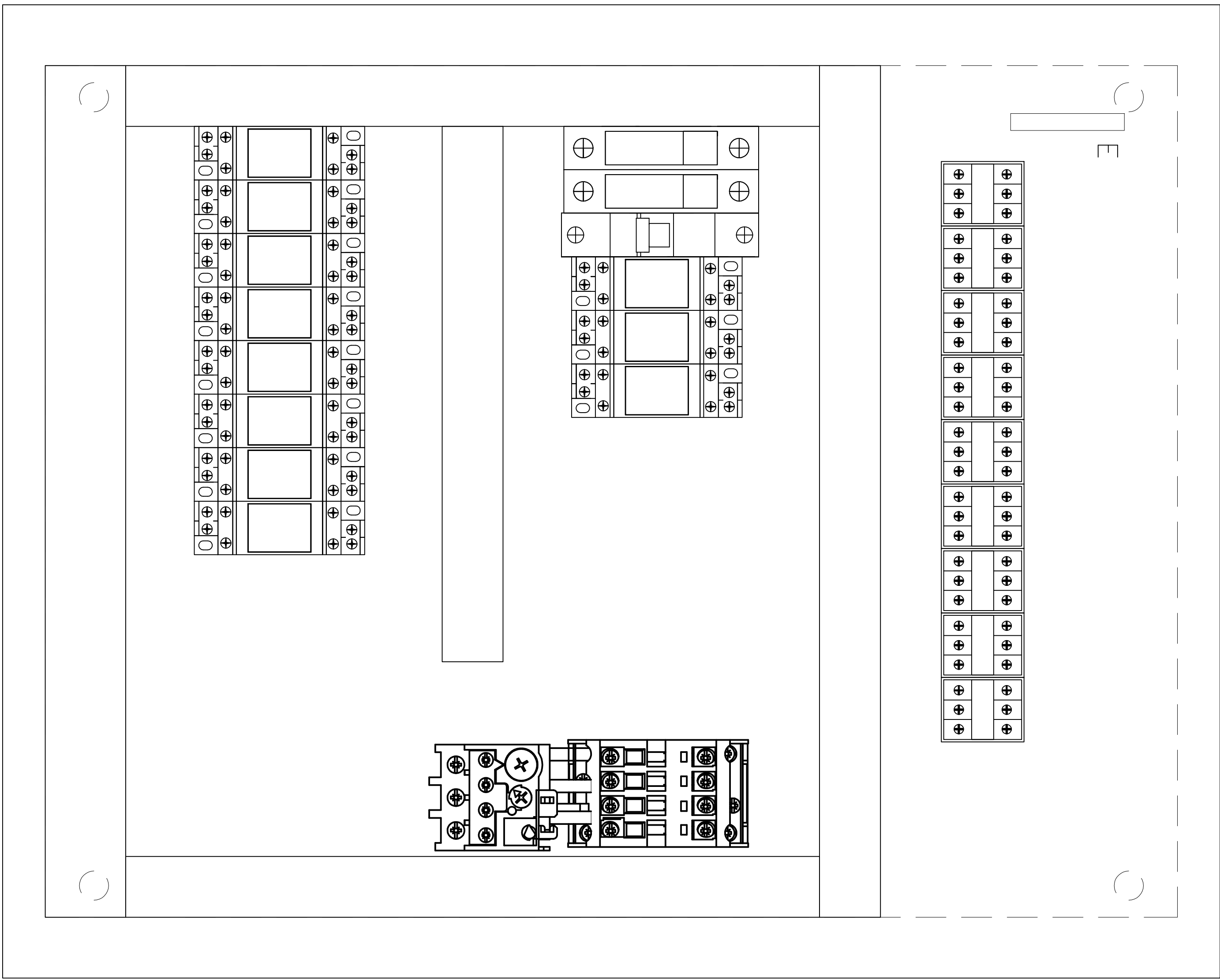
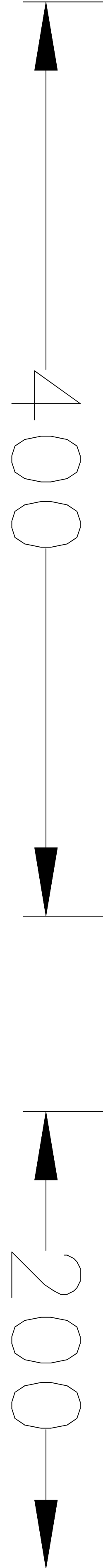
1 CP-BLK 2-L2-03

2 INCOMING LIGHT

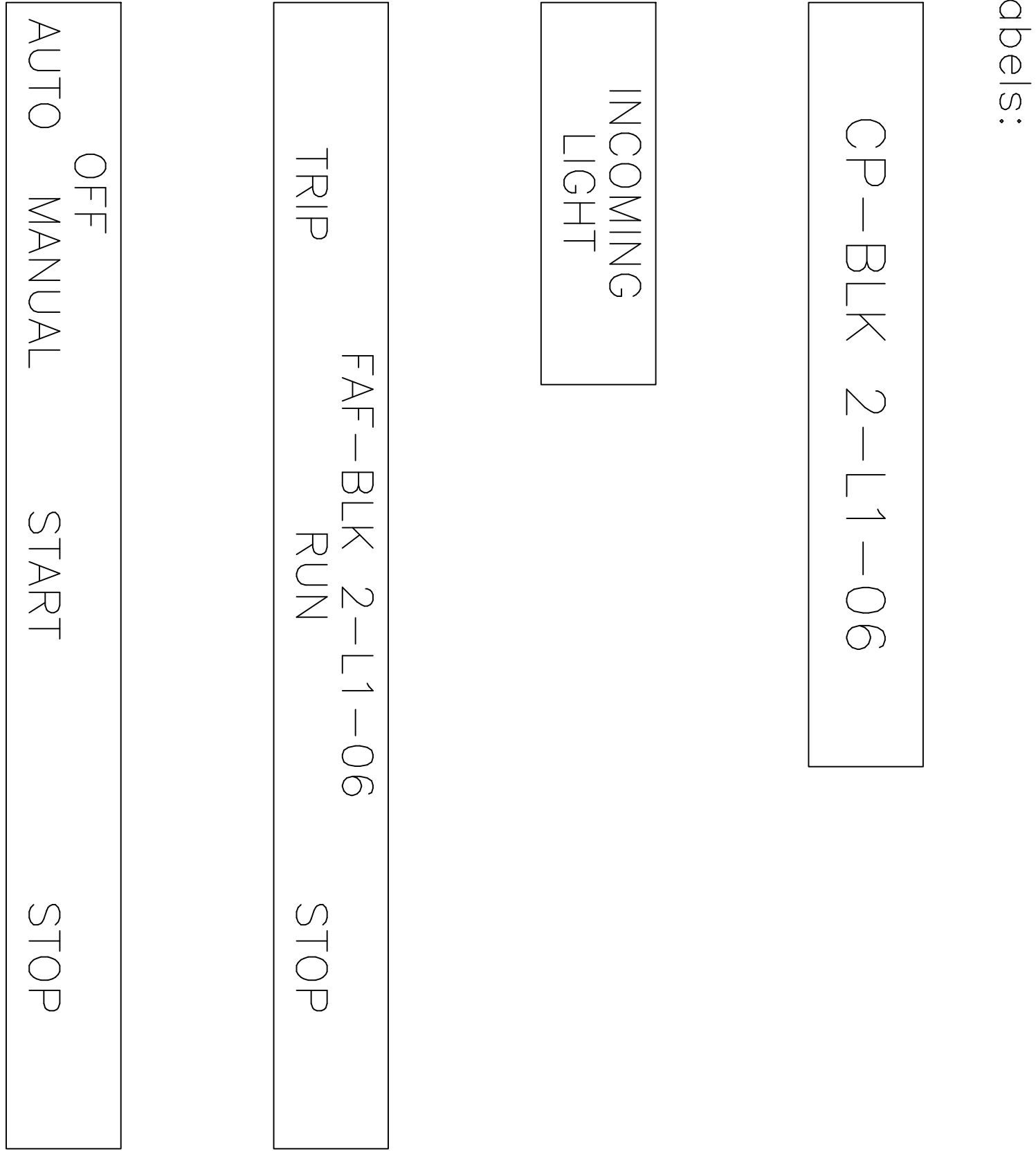
3 FAF-BLK 2-L2-03 STOP

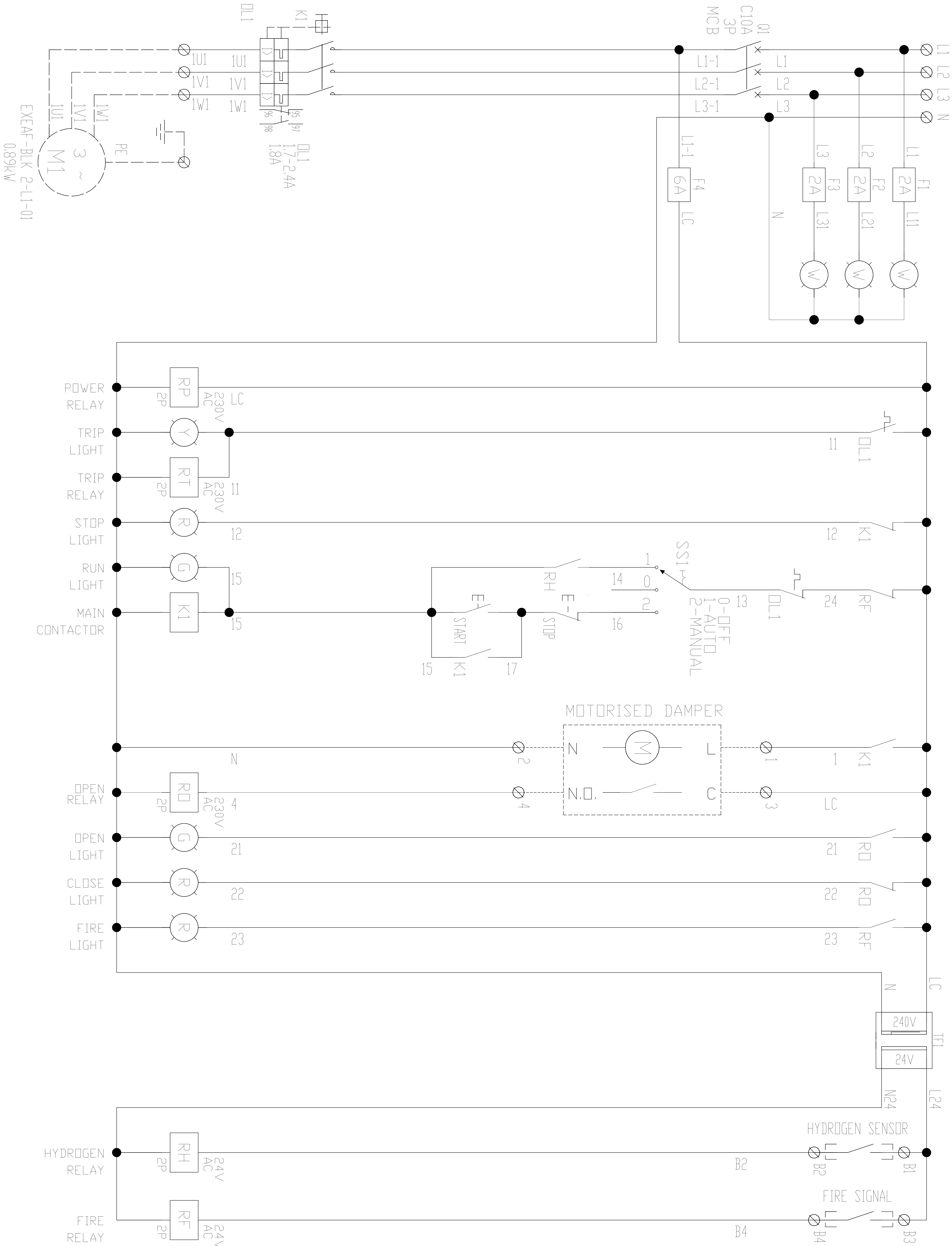
4 OFF AUTO MANUAL START STOP

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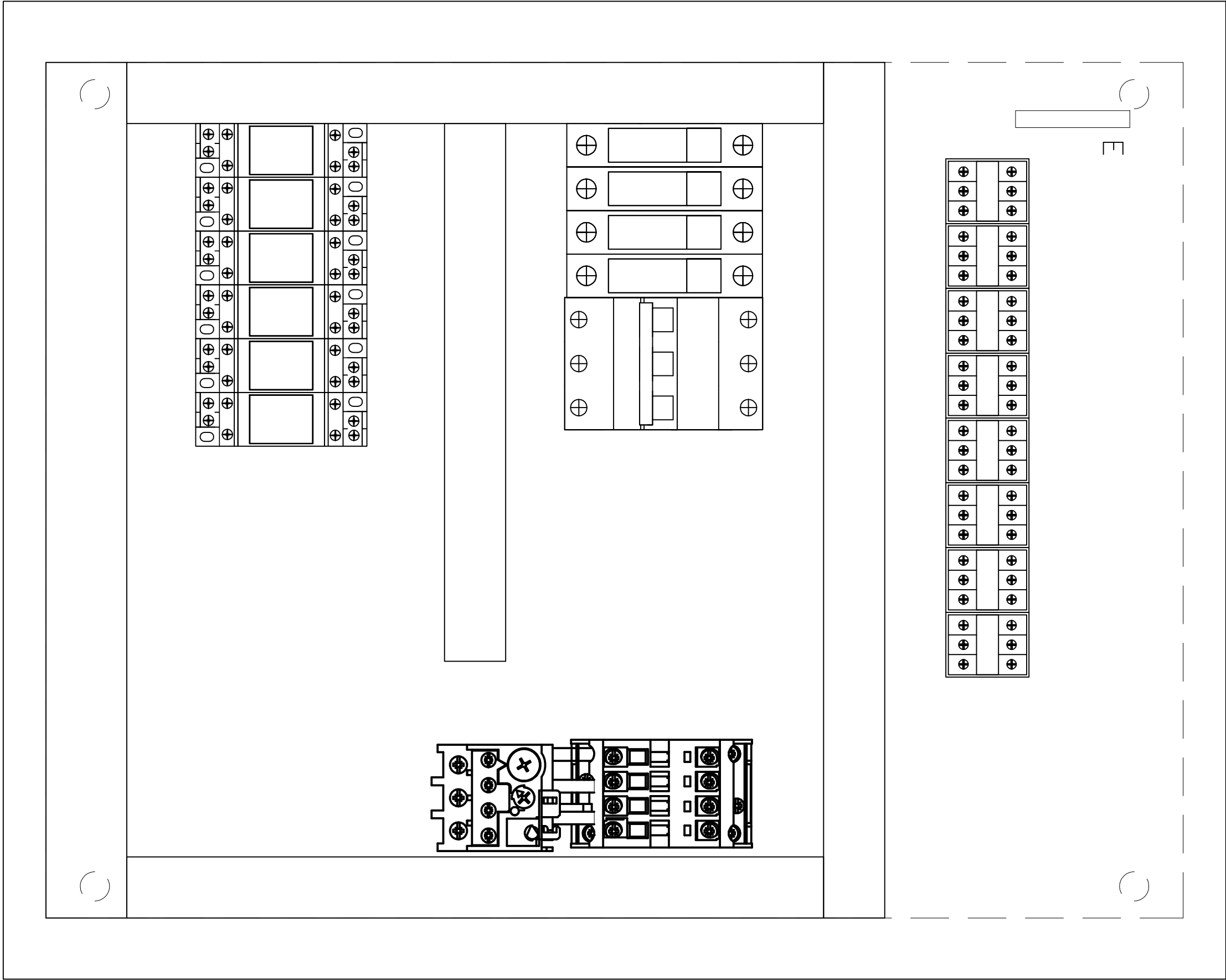
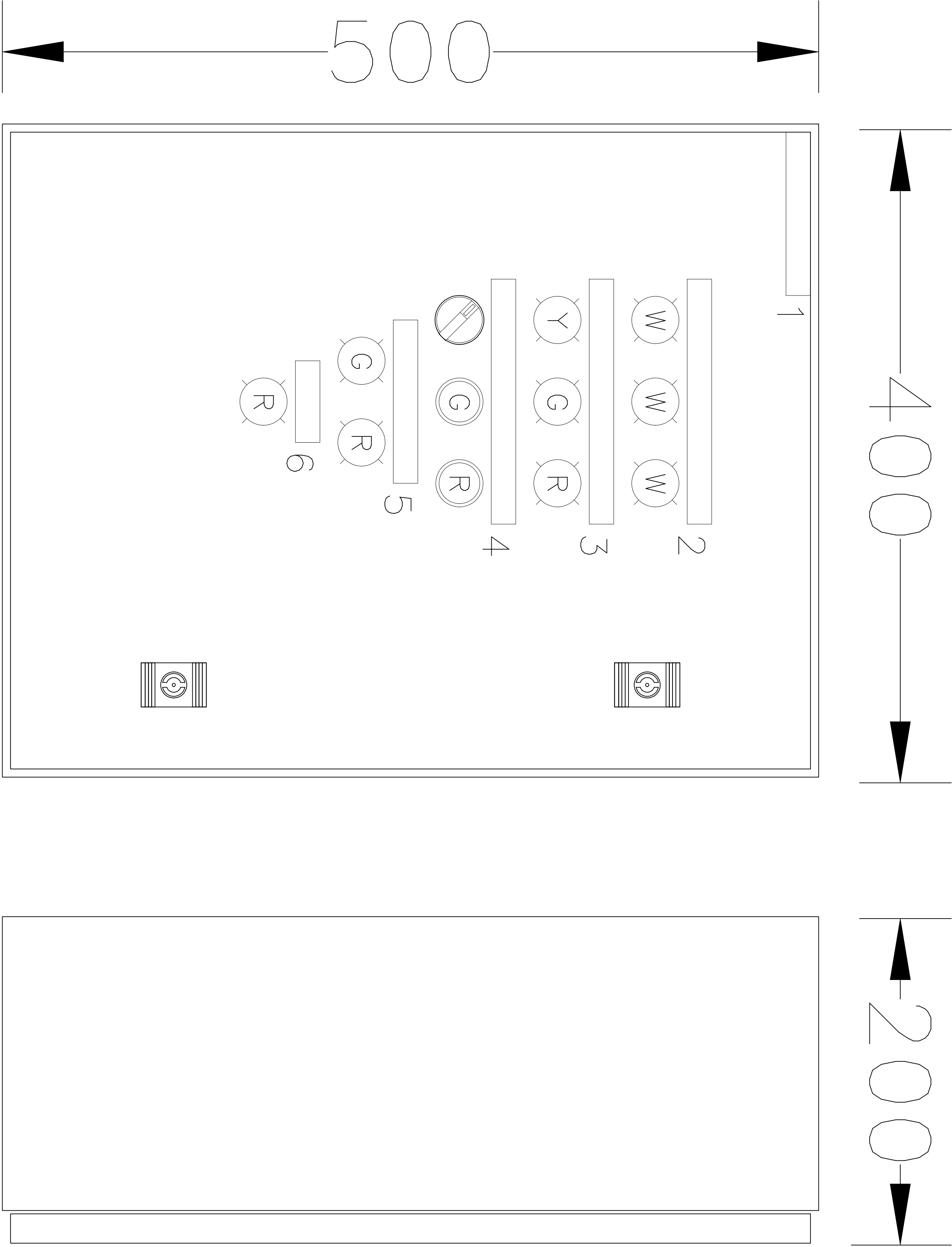
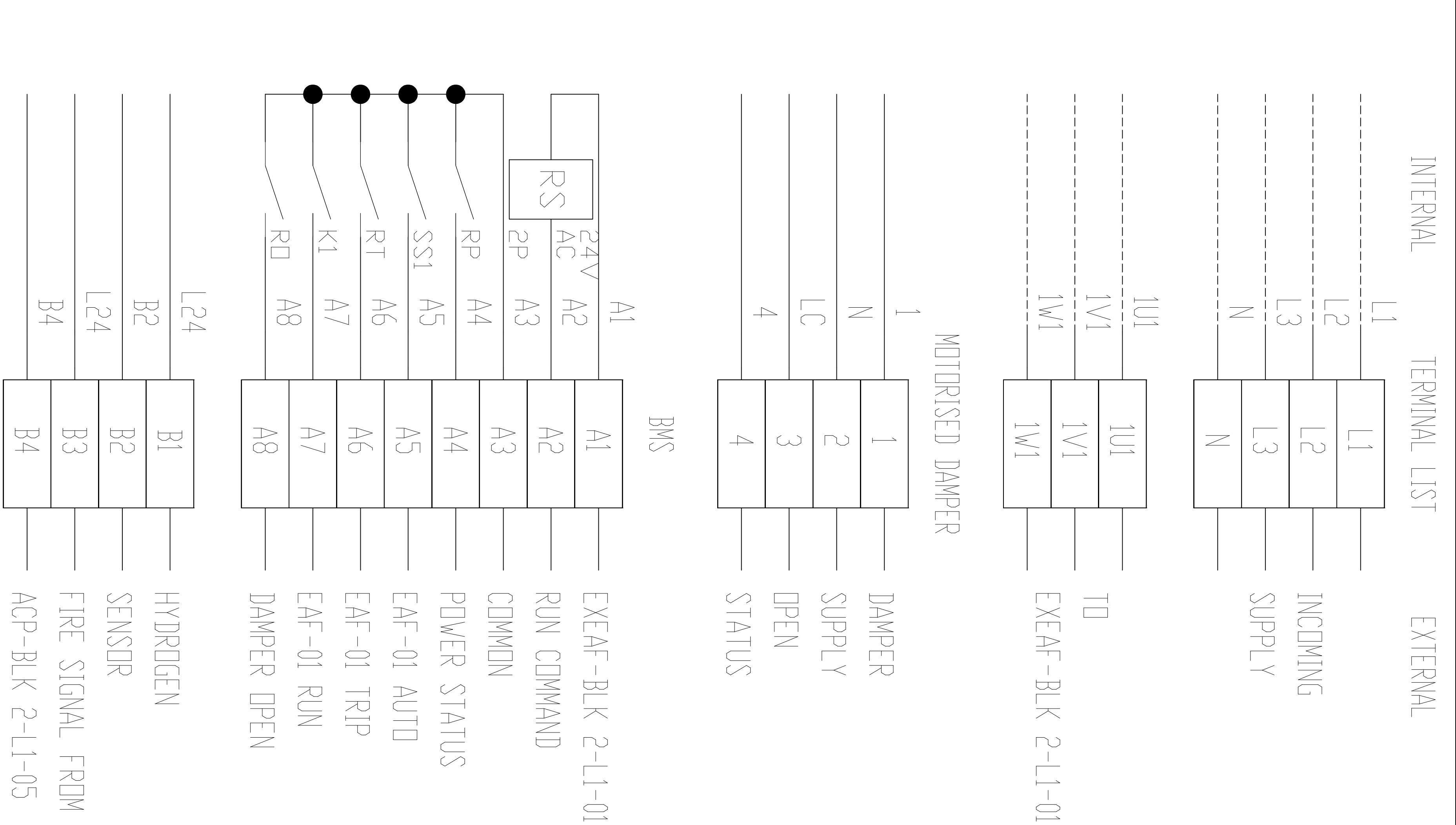


APPLICABLE TD:			
PANEL	FAN	DL/SETTING	INTERLOCK
CP-BLK 2-L1-01	FAF-BLK 2-L1-01	0.63-1.0A/0.9A	6 FCU
CP-BLK 2-L1-02	FAF-BLK 2-L1-02	1.3-1.8A/1.4A	6 FCU
CP-BLK 2-L1-06	FAF-BLK 2-L1-06	1.0-1.4A/1.0A	8 FCU



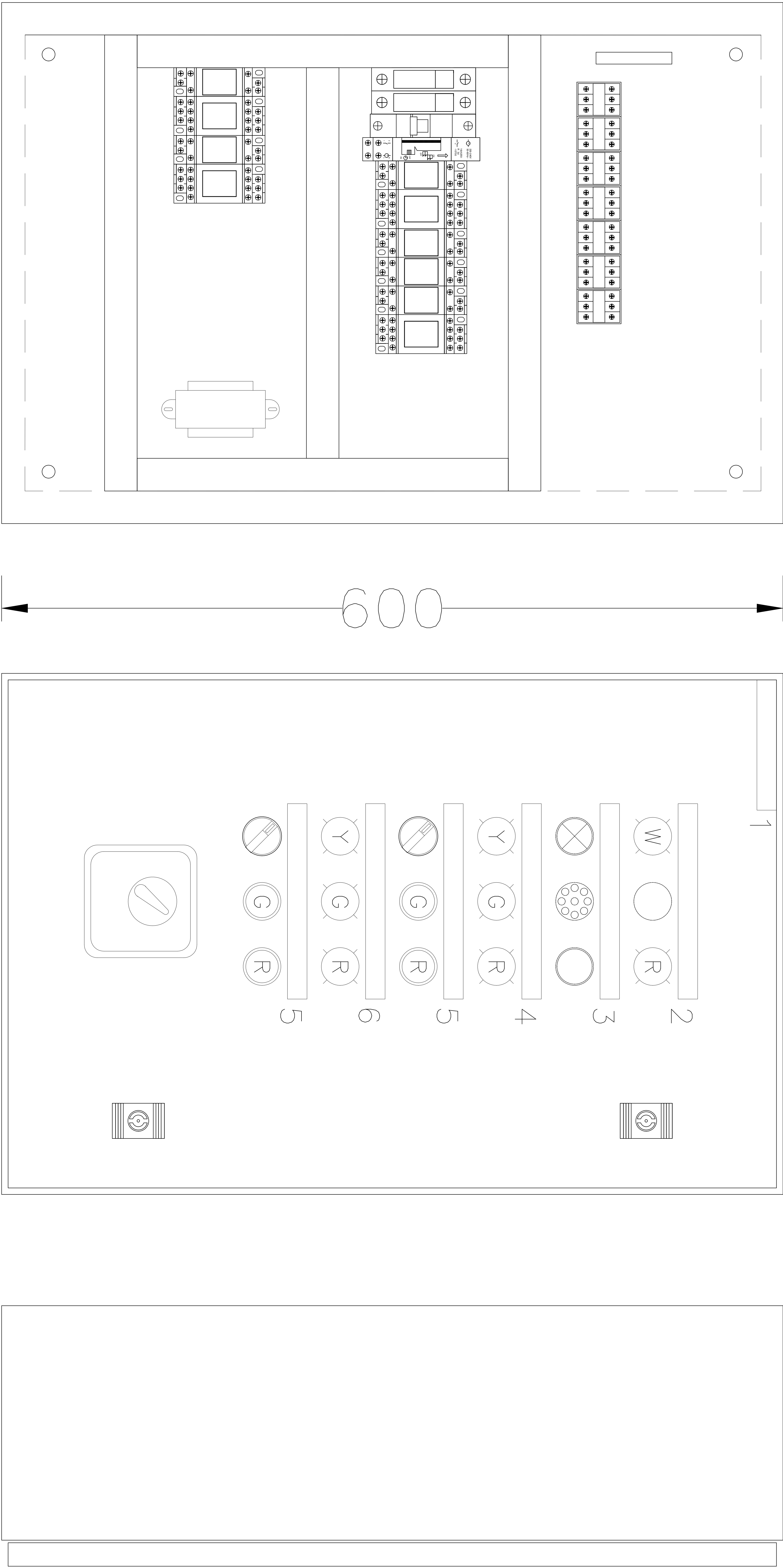


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400

200



Labels:

- 1

ACP-BLK 2-L1-05
- 2

INCOMING LIGHTFIRE
- 3

HIGH TEMPBUZZERMUTE
- 4

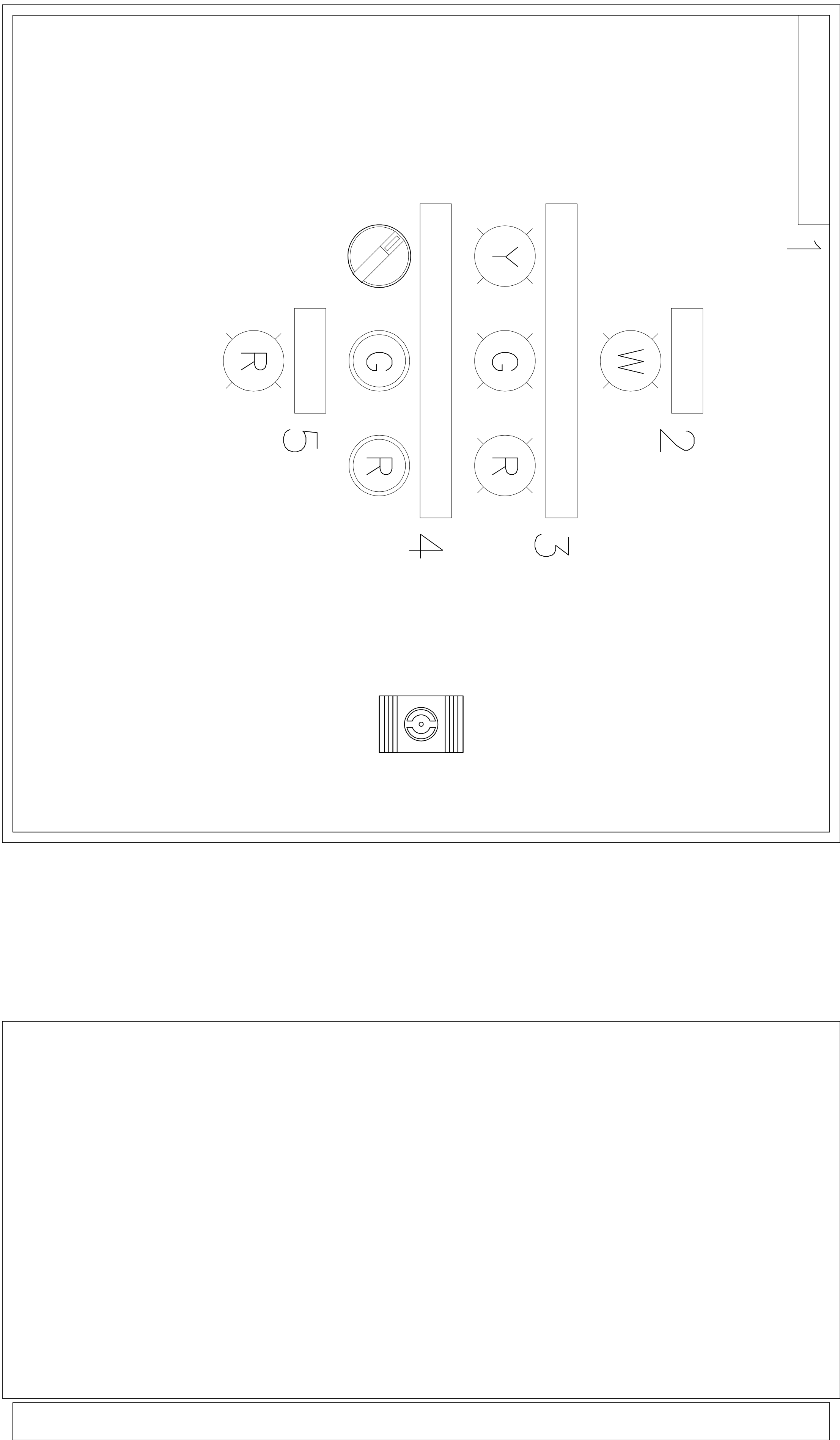
TRIPFCU-4A-5RUNSTOP
- 5

BMS
AUTOMANUALSTARTSTOP
- 6

TRIPFCU-4B-5RUNSTOP

400

200



400

Labels:

- 1

CP-BLK 2-L1-04
- 2

INCOMING
LIGHT
- 3

TRIP FAF-BLK 2-L1-04 STOP
- 4

OFF
AUTO MANUAL START STOP
- 5

FIRE

