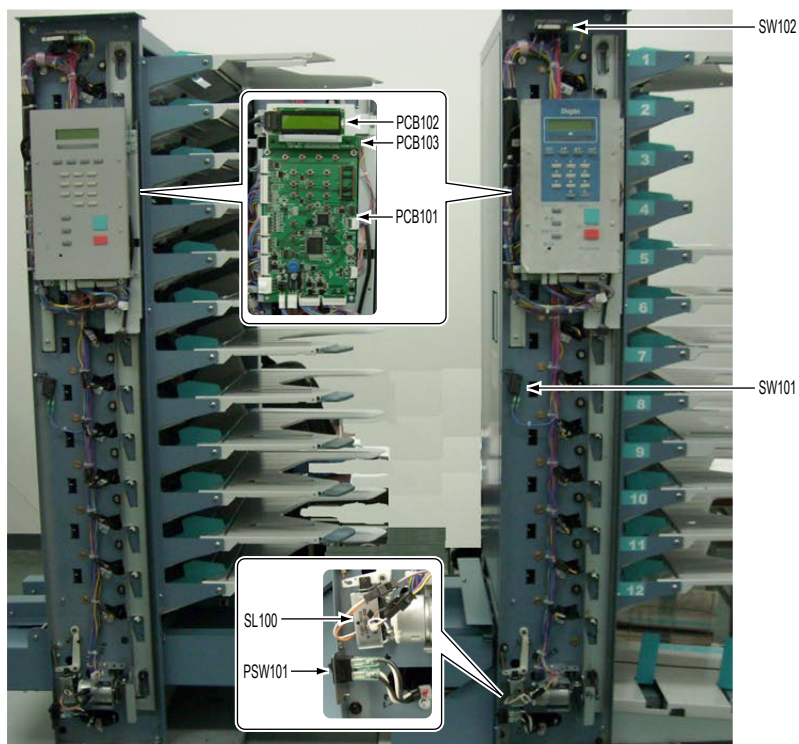


3 LAYOUT OF ELECTRICAL PARTS

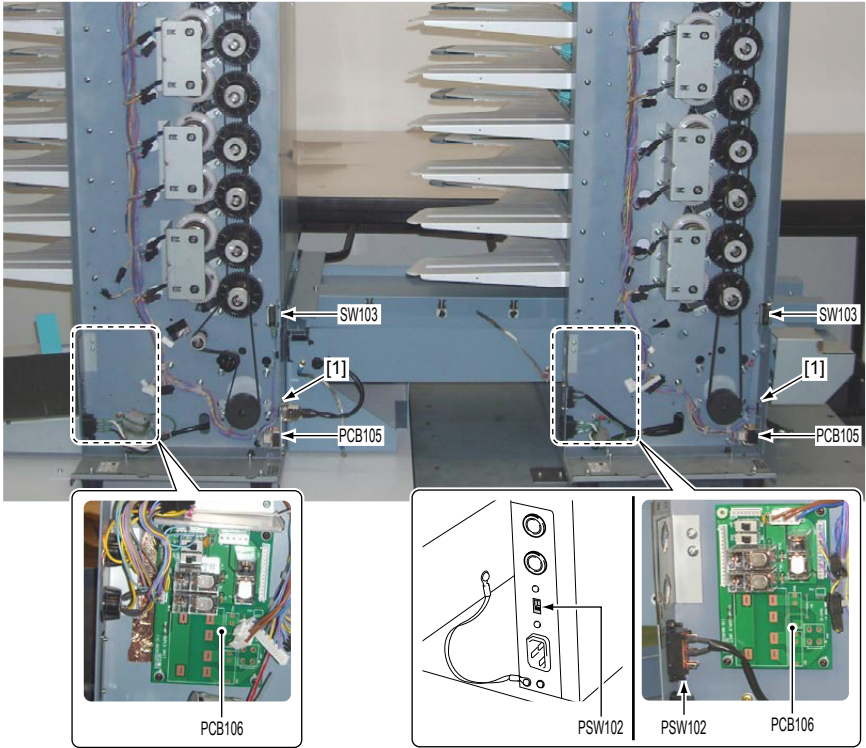
3.1 Exterior / Control Section

3.1.1 Front of the Machine



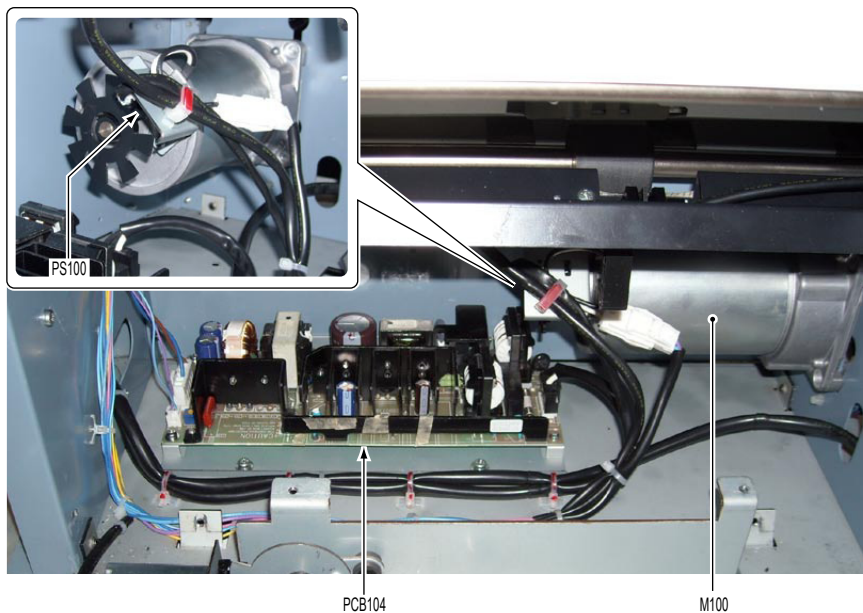
Symbol	Name	Remarks
PCB101	MC unit	
PCB102	LCD unit	
PCB103	LED PWB unit	
PSW101	Power switch	
SL100	Switching guide solenoid	
SW101	Vertical conveyance cover switch	
SW102	Front cover switch	

3.1.2 Rear Surface of the Machine



Symbol	Name	Remarks
[1]	Optional connector	*Excluding the DFC-80
PCB105	Modular PWB unit	
PCB106	RL PWB unit	*Option
PSW102	Remote switch	*Tower B only
SW103	Rear cover switch	

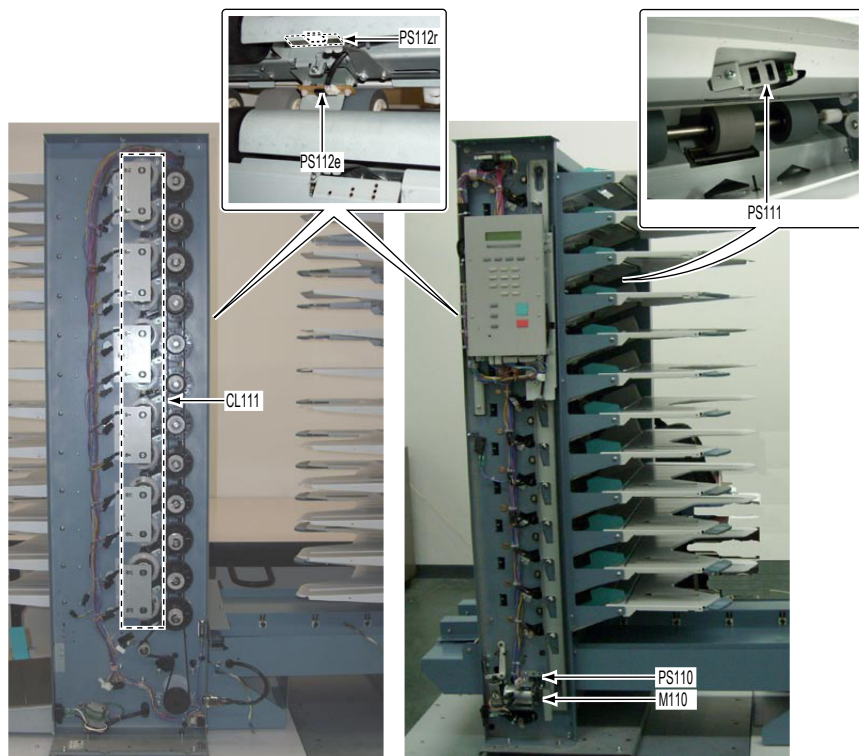
3.1.3 Inside of the Machine



Symbol	Name	Remarks
M100	Main motor	
PCB104	Switching power supply	
PS100	Main motor index sensor	

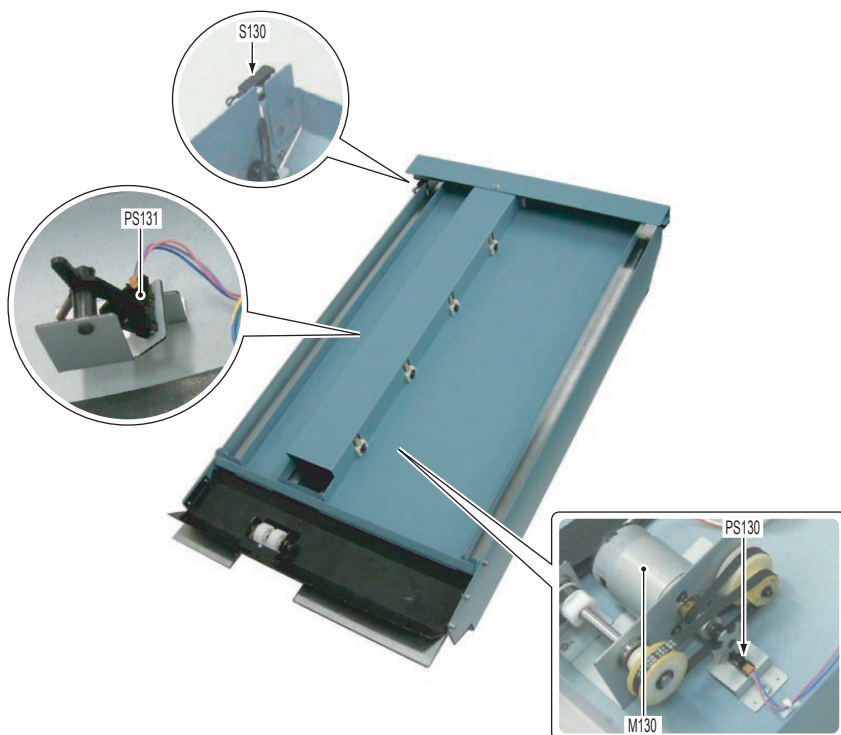
3.2 Paper Feed / Conveyance Section

3.2.1 Paper Feed Bin



Symbol	Name	Remarks
CL111	Paper feed clutch	
M110	Paper feed bin up/down motor	*Excluding the DFC-80
PS110	Paper feed bin up/down sensor	
PS111	Paper sensor	
PS112e	Double feed sensor	
PS112r	Double feed sensor	

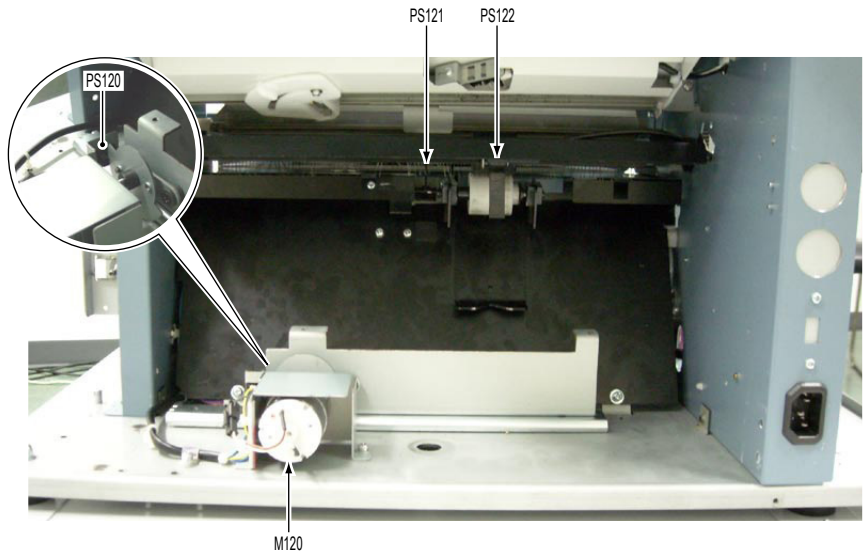
3.2.2 Conveyance Bridge (*only Tower B)



Symbol	Name	Remarks
M130	Bridge motor	
PS130	Bridge motor index sensor	
PS131	Bridge jam sensor	
S130	Bridge cover sensor	

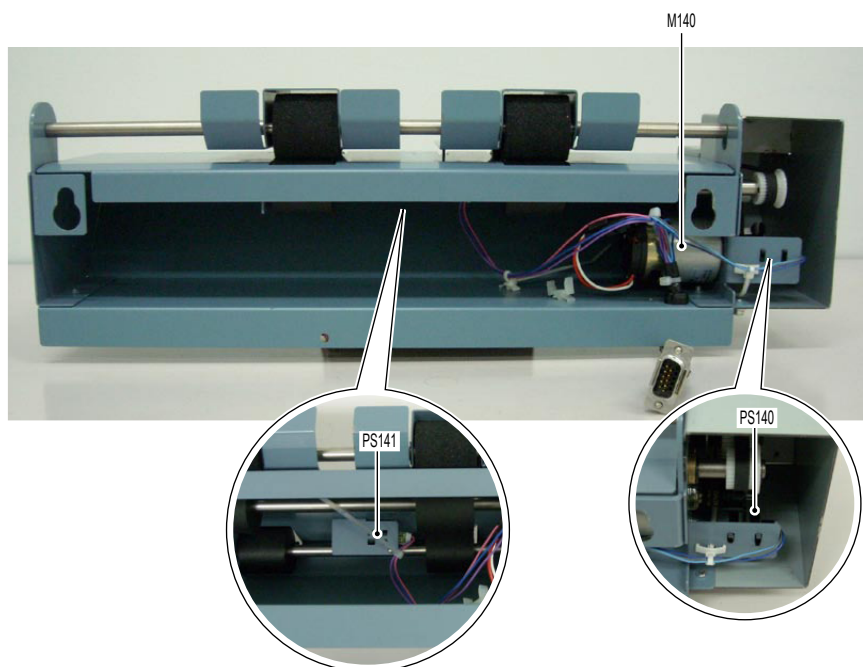
3.3 Ejection Section

3.3.1 Paper Receiving Table Section (*only Tower A)



Symbol	Name	Remarks
M120	Offset motor	
PS120	Offset sensor	
PS121	Paper eject sensor	
PS122	Paper full sensor	

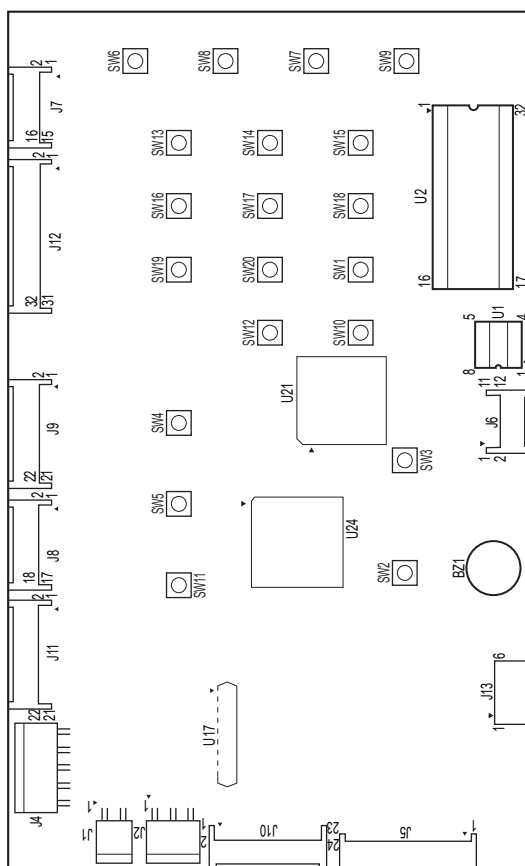
3.3.2 Delivery Unit (*option)






Symbol	Name	Remarks
M140	Delivery motor	
PS140	Delivery motor index sensor	
PS141	Delivery jam sensor	

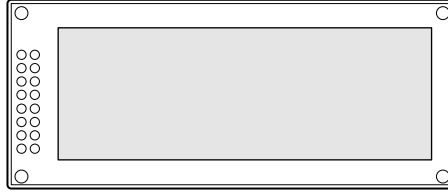
4 LAYOUT OF BOARDS

4.1 MC Unit (PCB101)

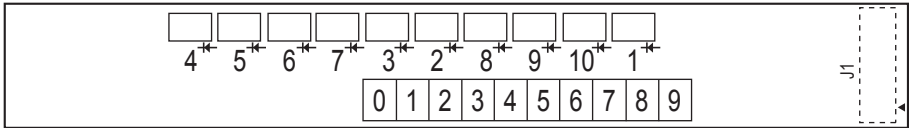


Symbol	Roles/remarks
BZ1	Buzzer for confirming operations
SW1 to 20	Key switches on the control panel  Refer to "CHAPTER 1 > 4.1 Control Panel".
U1	EEPROM to store data  Refer to "CHAPTER 3 > 2.3.1 Replacing the MC Unit".
U2	IC socket for the rewriting tool (EPROM)  Refer to "CHAPTER 6 > 4 UPGRADING THE PROGRAM VERSION".

4.2 LCD Unit (PCB102)

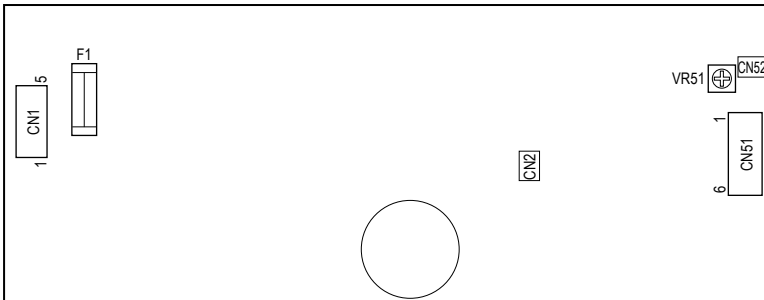


4.3 LED PWB Unit (PCB103)



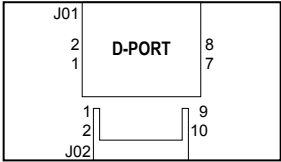
Symbol	Roles/remarks
LED1 to 10	Red LED + green LED

4.4 Switching Power Supply (PCB104)

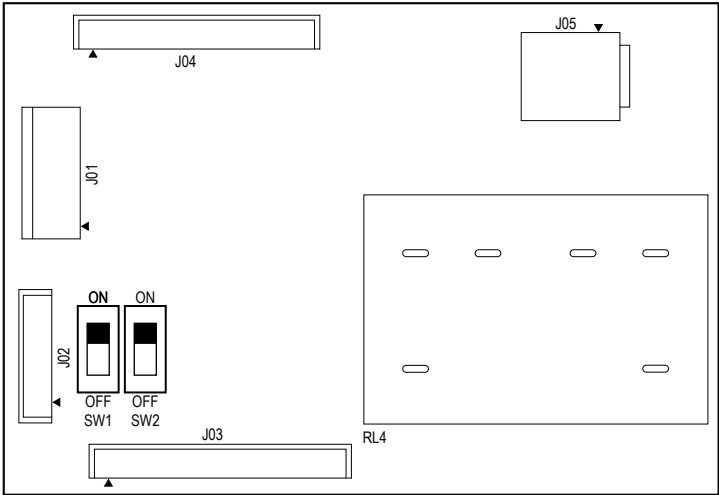


Symbol	Roles/remarks
F1	Fuse (250VAC, 6.3A)
VR51	Market adjustment disapproved

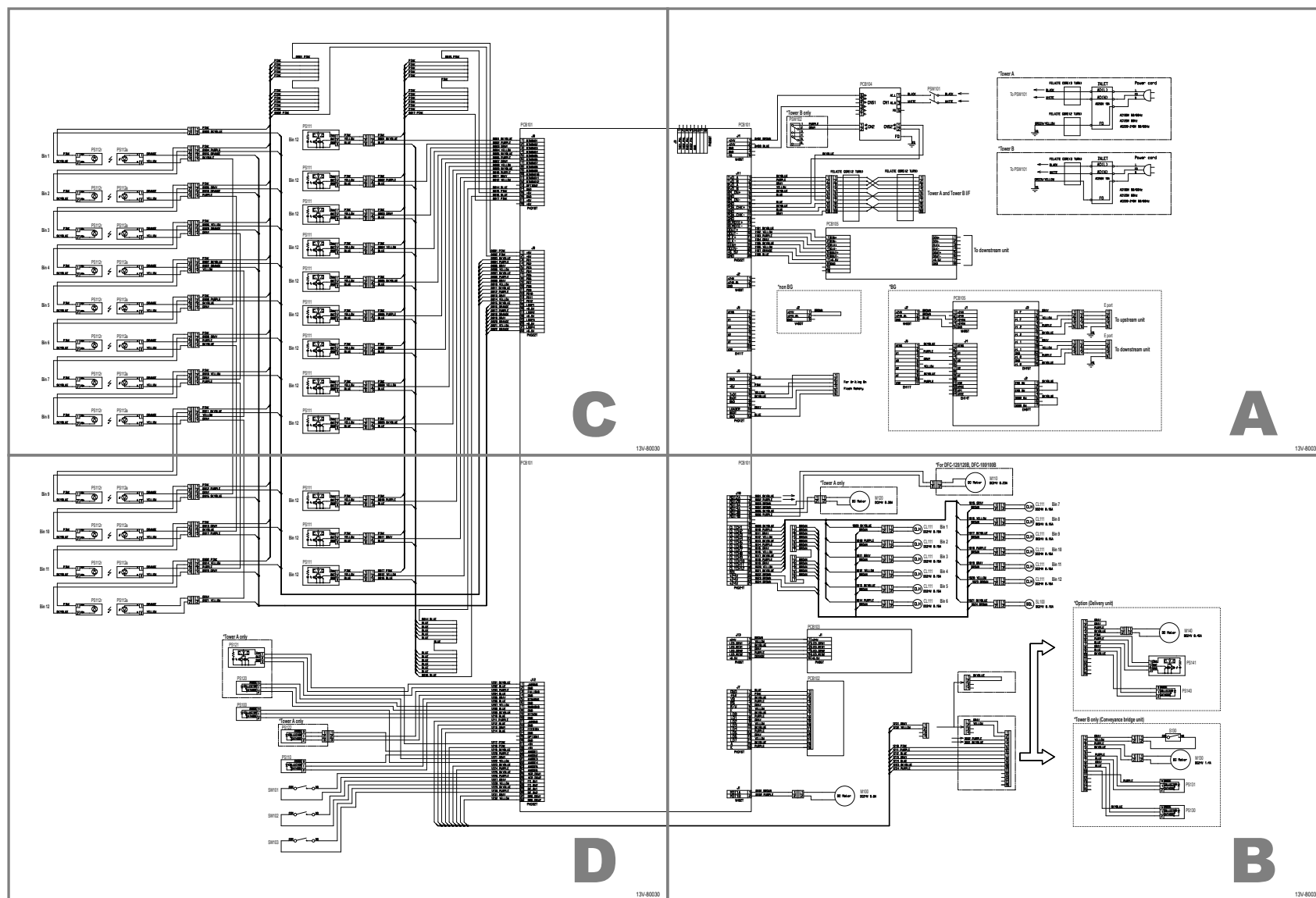
4.5 Modular PWB Unit (PCB105)



4.6 RL PWB Unit (PCB106) (*option)



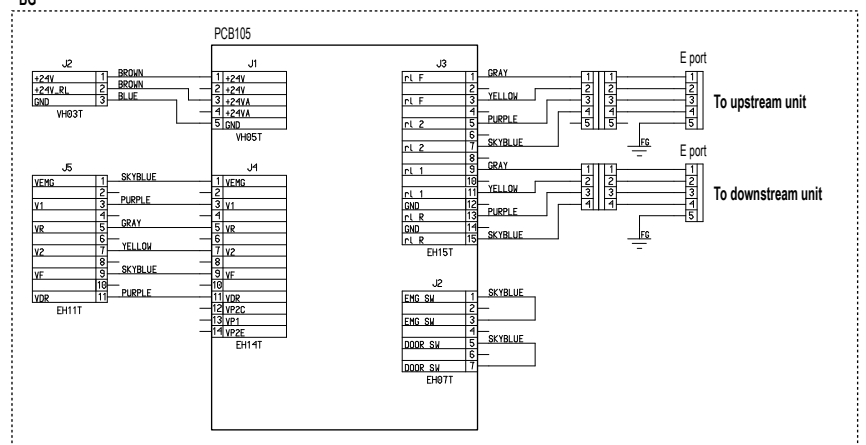
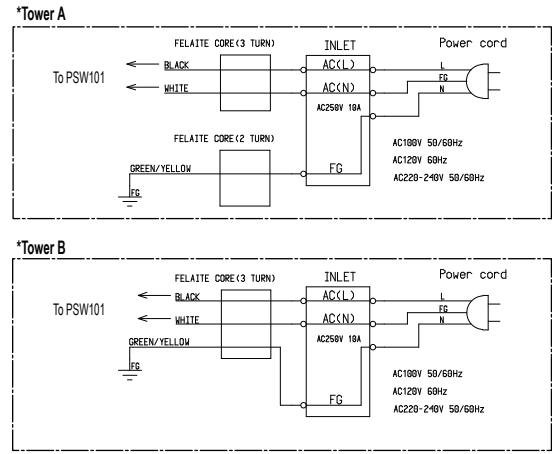
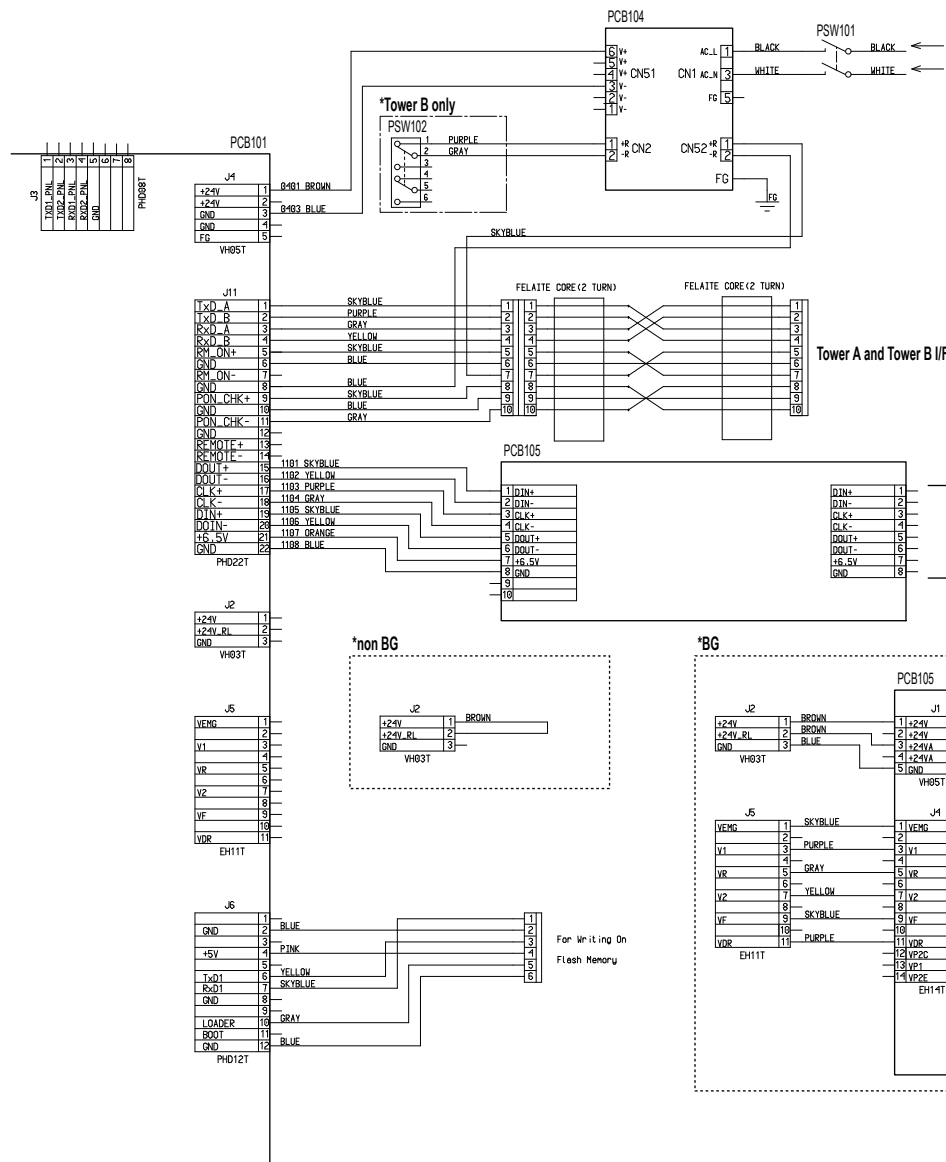
Symbol	Roles/remarks
SW1	For setting the interlock function ☞ Refer to “CHAPTER 3 > 2.3.2 Precautions on Replacing the RL PWB Unit”.
SW2	

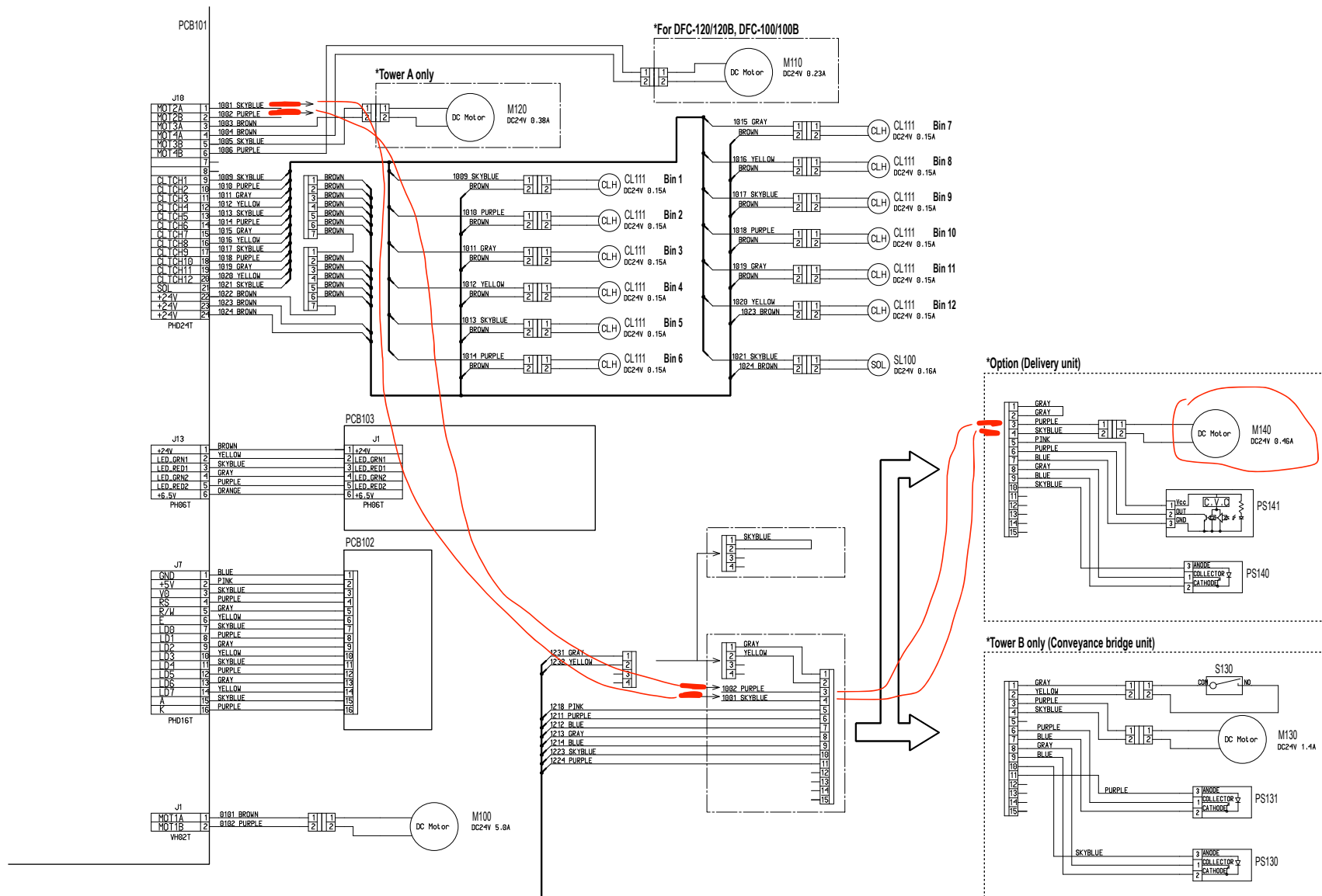


5 OVERALL CIRCUIT DIAGRAM

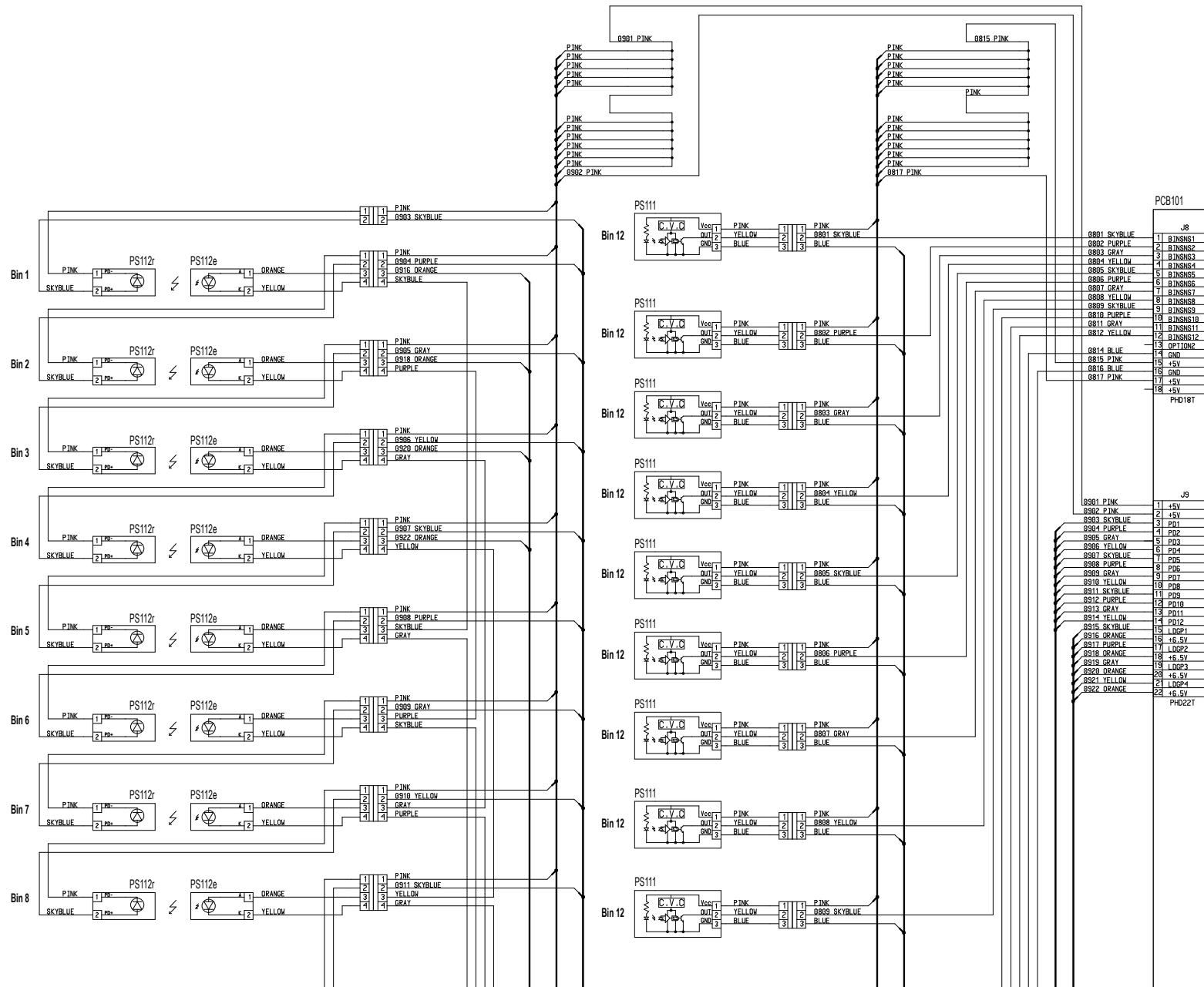
5.1 DFC-120/120B/100/100B/80

5.1.1 1/1

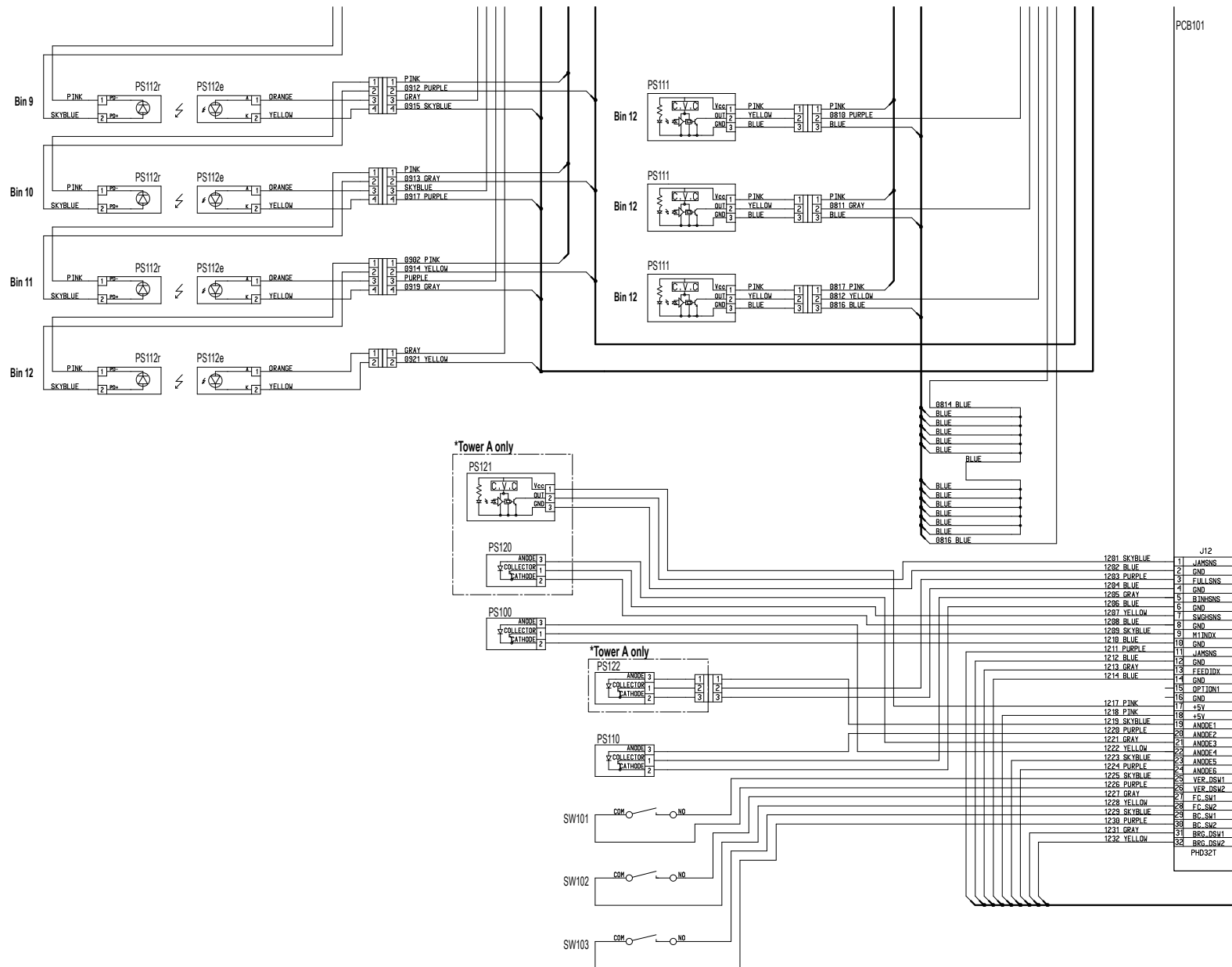




B



C



D

Memo

