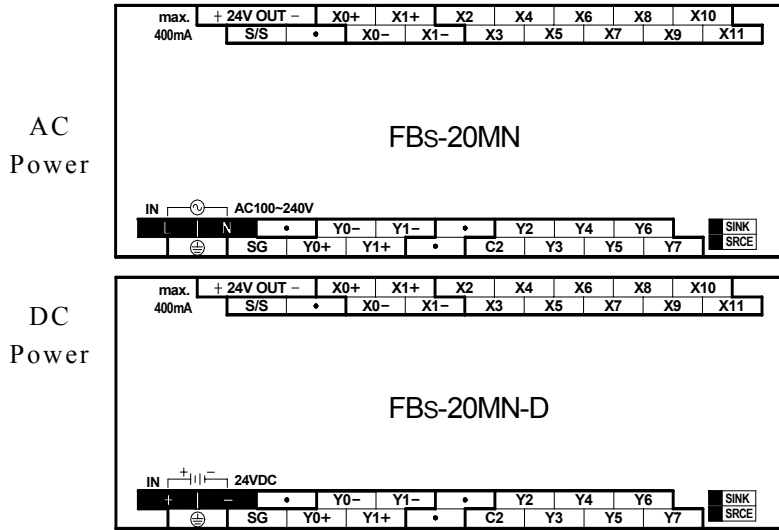


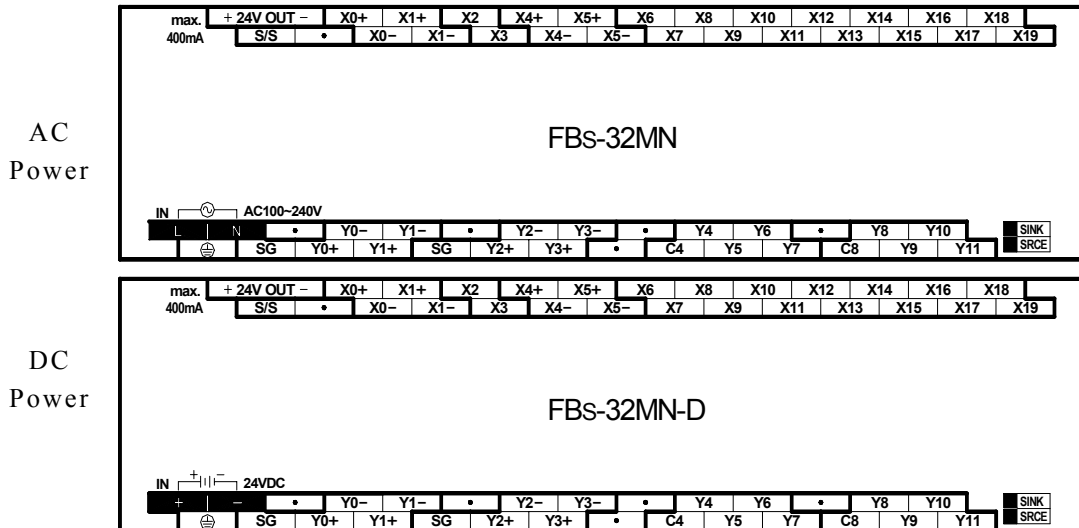
1.7 Connection Diagrams of Various Models

1.7.1 NC Control Main Unit [7.62mm Detachable Terminal Block]

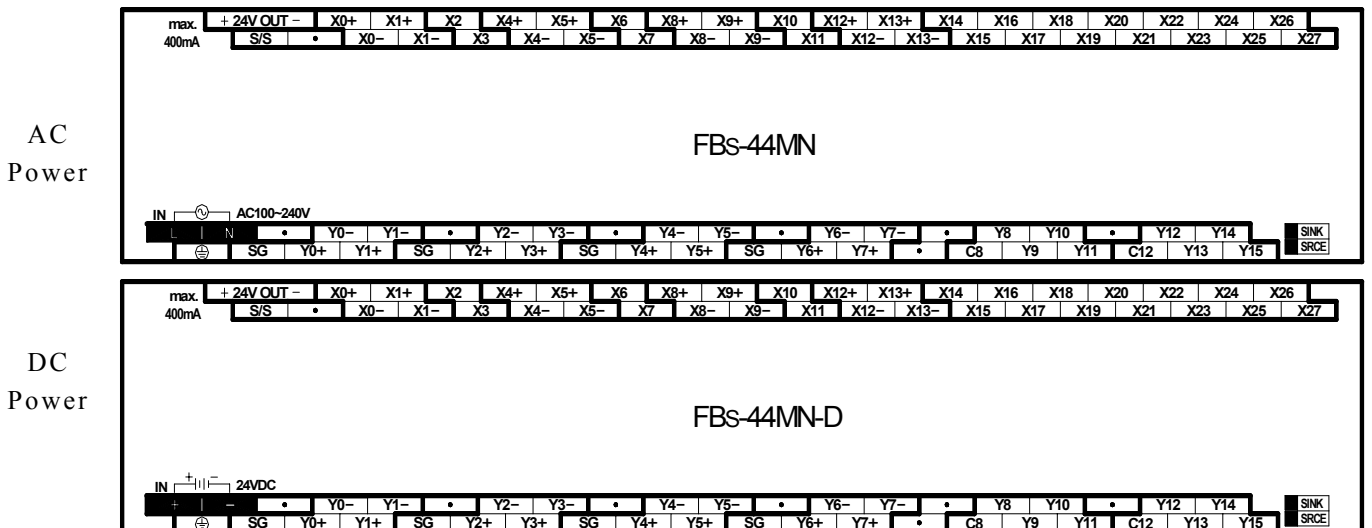
- 20 point digital I/O main unit (12 points IN, 8 points OUT)



- 32 point digital I/O main unit (20 points IN, 12 points OUT)

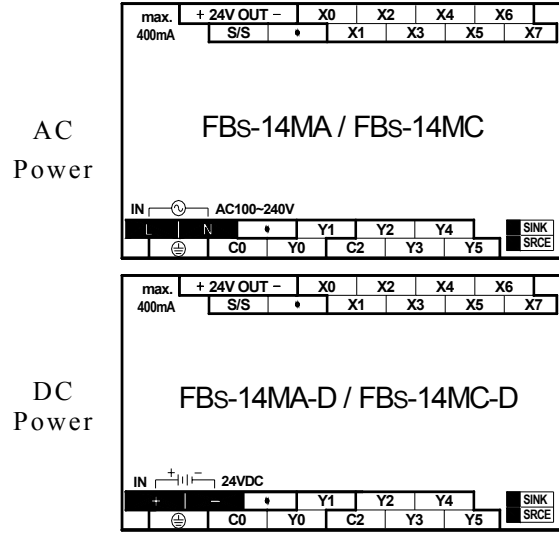
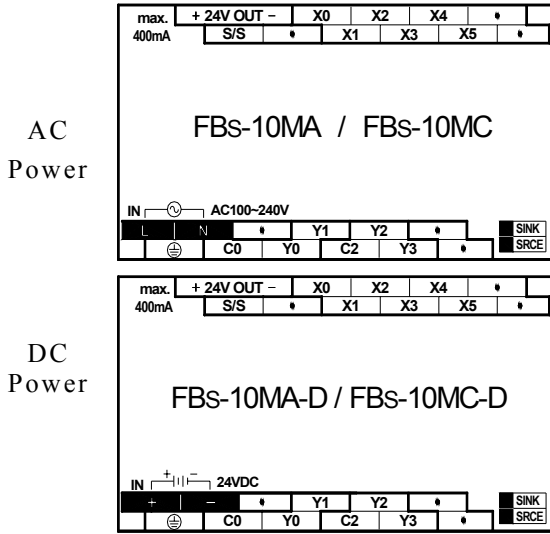


- 44 point digital I/O main unit (28 points IN, 16 points OUT)

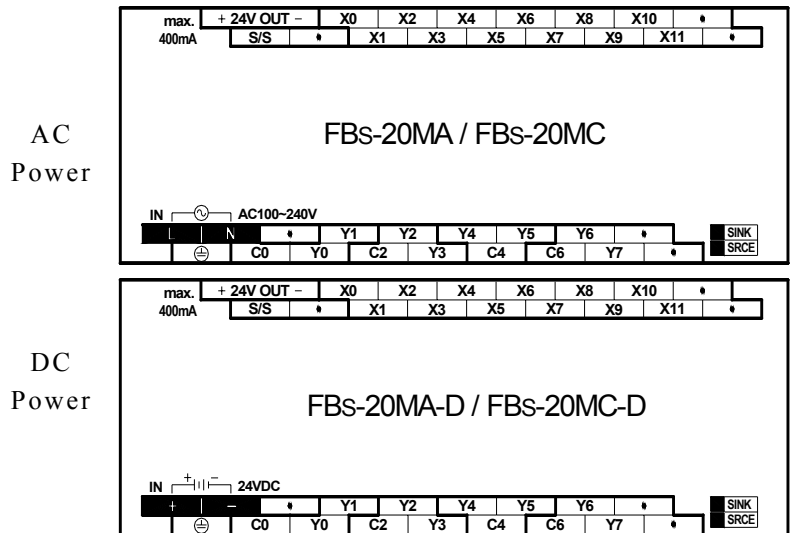


1.7.2 Basic/Advanced Main Unit [7.62mm Terminal Block, fixed in model MA, detachable in models MC/MN]

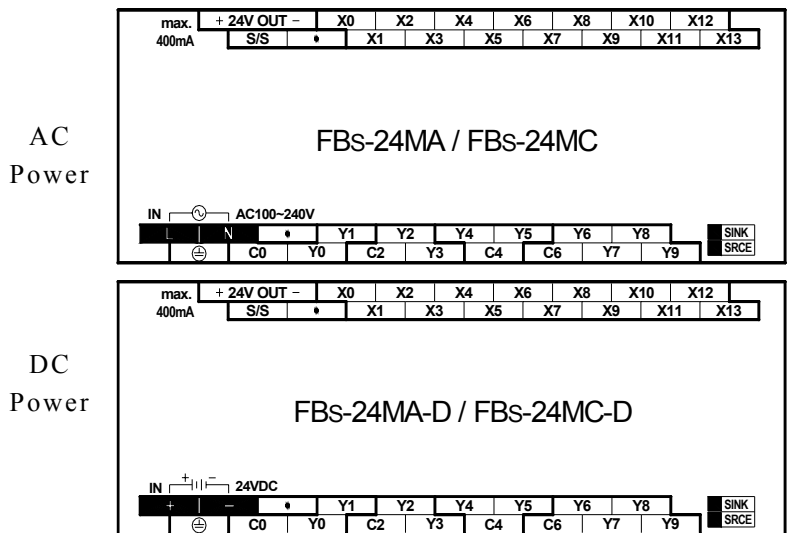
- 10 point digital I/O main unit (6 points IN, 4 points OUT)
- 14 point digital I/O main unit (8 points IN, 6 points OUT)



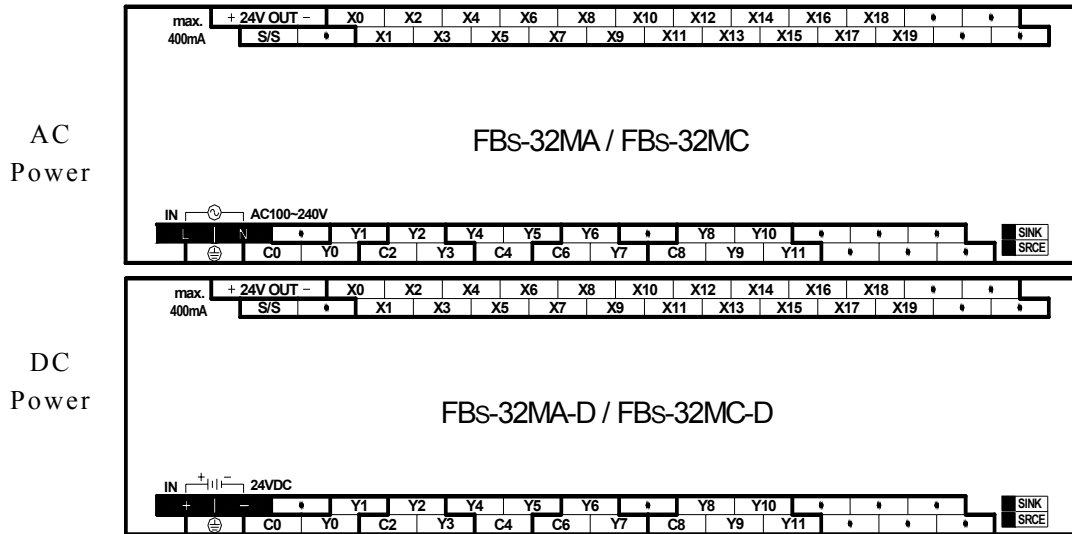
- 20 point digital I/O main unit (12 points IN, 8 points OUT)



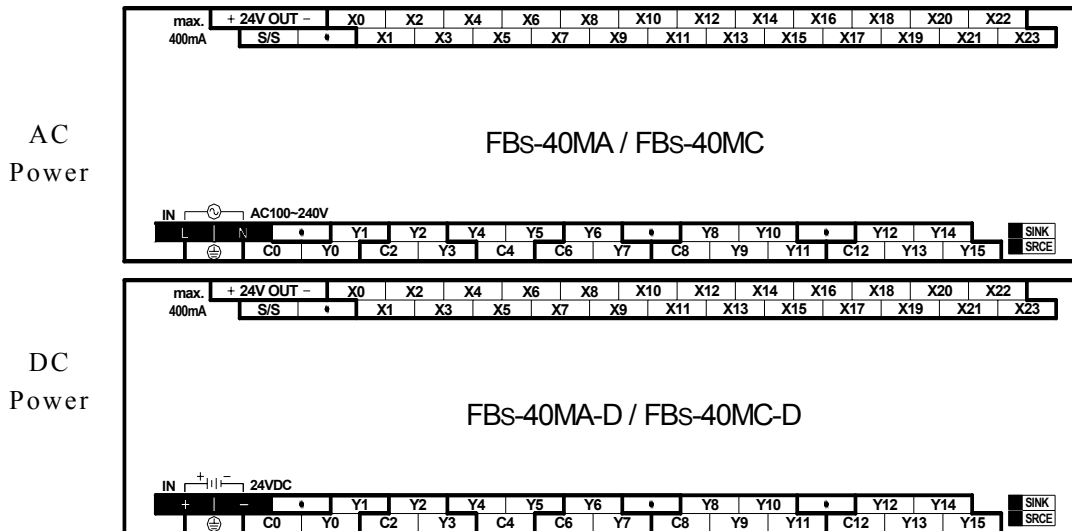
- 24 point digital I/O main unit (14 points IN, 10 points OUT)



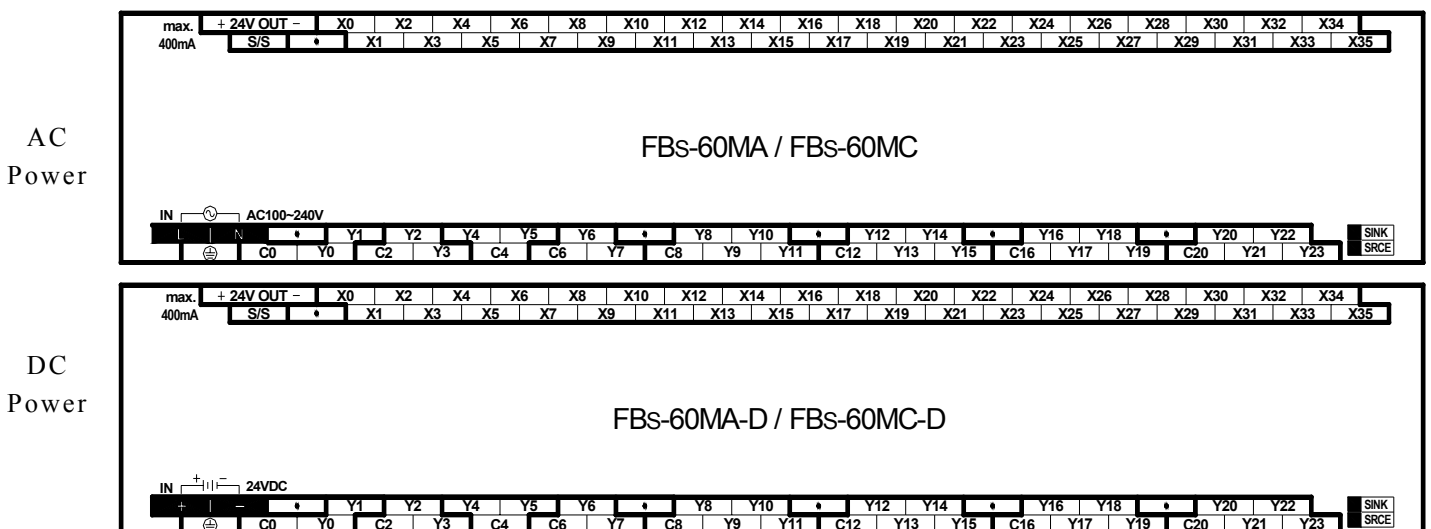
- 32 point digital I/O main unit (20 points IN, 12 points OUT)



- 40 point digital I/O main unit (24 points IN, 16 points OUT)

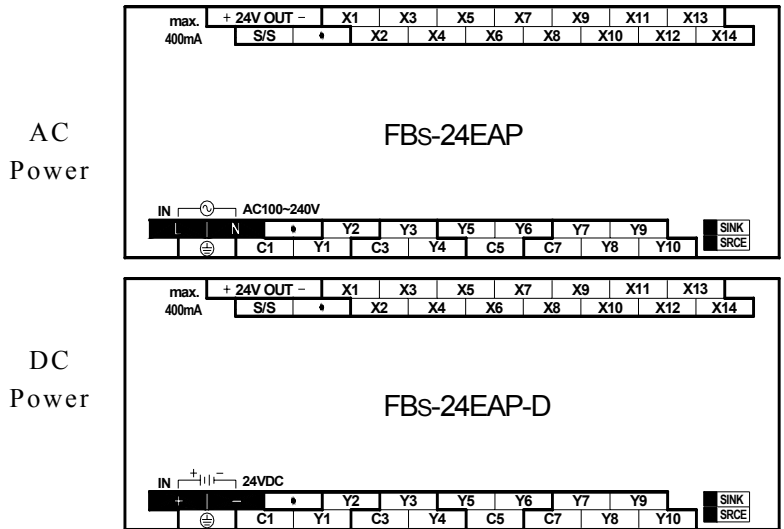


- 60 point digital I/O main unit (36 points IN, 24 points OUT)

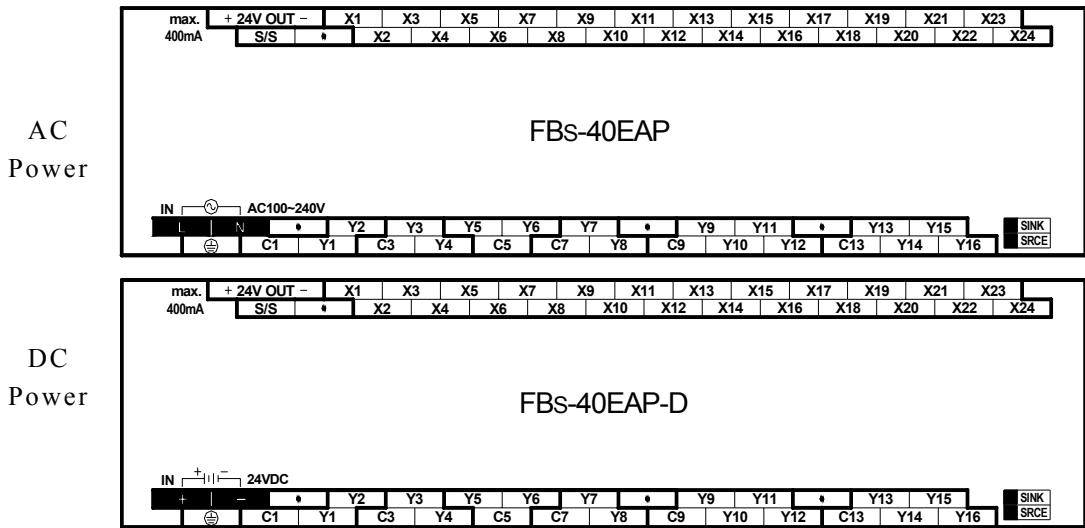


1.7.3 Digital I/O Expansion Unit [7.62mm fixed terminal block]

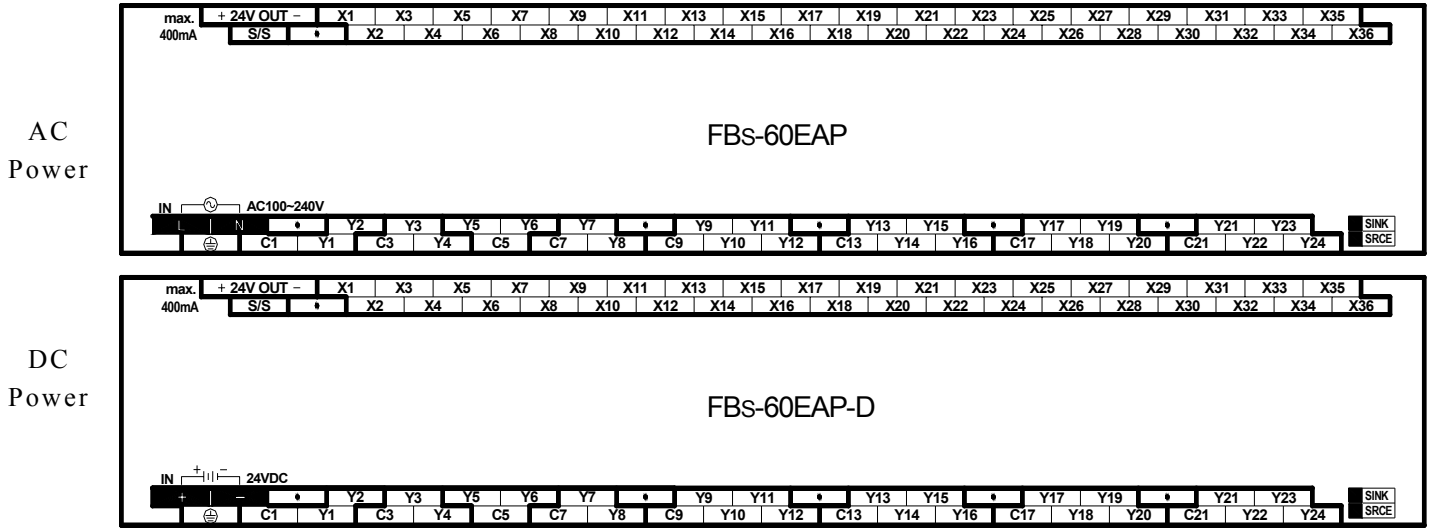
- 24 point I/O expansion unit (14 points IN, 10 points OUT)



- 40 point I/O expansion unit (24 points IN, 16 points OUT)

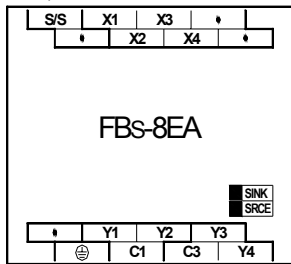


- 60 point I/O expansion unit (36 points IN, 24 points OUT)

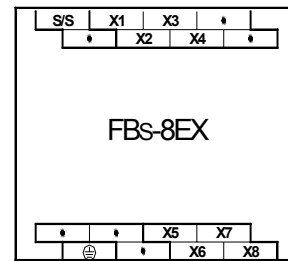


1.7.4 Digital I/O Expansion Module [7.62mm fixed terminal block]

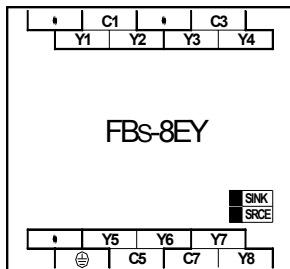
- 8 point digital I/O module (4 points IN, 4 points OUT)



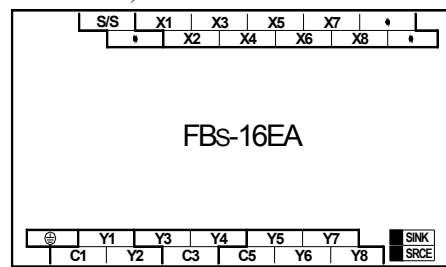
- 8 point digital input module (8 points IN)



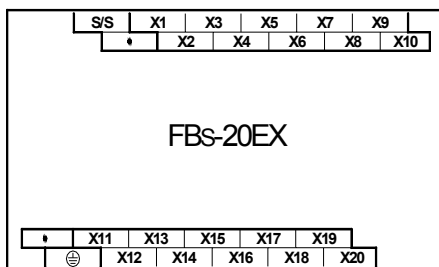
- 8 point digital output module (8 points OUT)



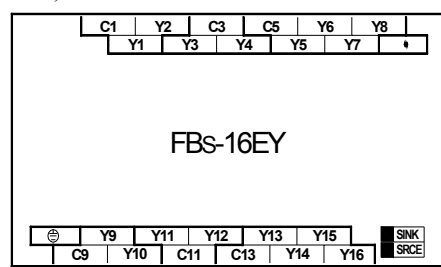
- 16 point digital I/O module (8 points IN, 8 points OUT)



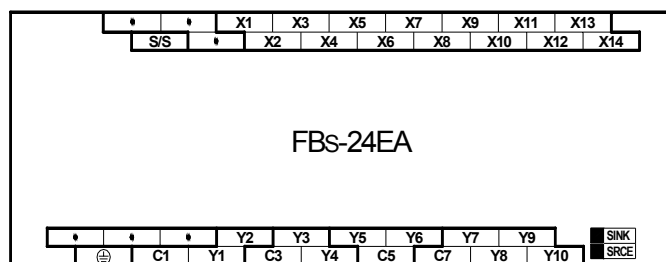
- 20 point digital input module (20 points IN)



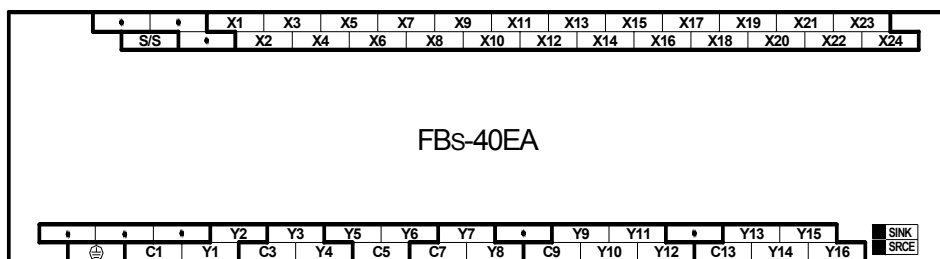
- 16 point digital output module (16 points OUT)



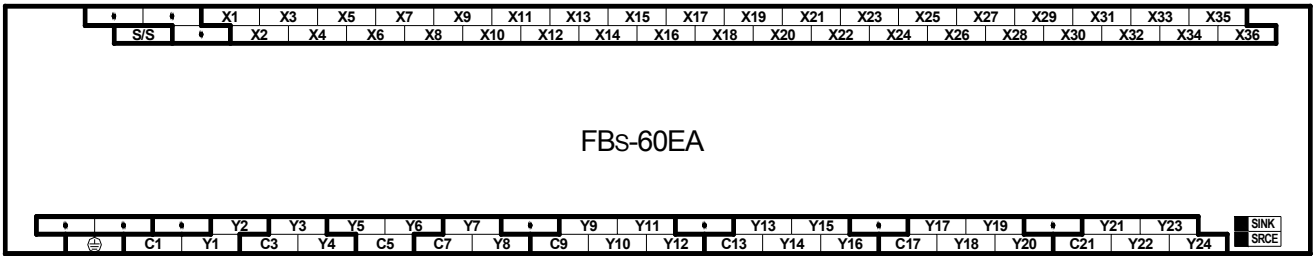
- 24 point digital I/O module (14 points IN, 10 points OUT)



- 40 point digital I/O module (24 points IN, 16 points OUT)

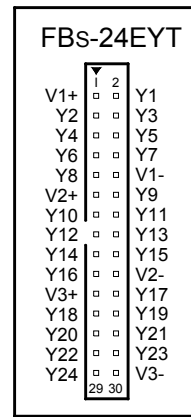
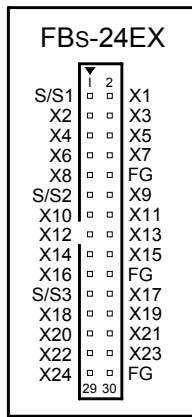


- 60 point digital I/O module (36 points IN, 24 points OUT)



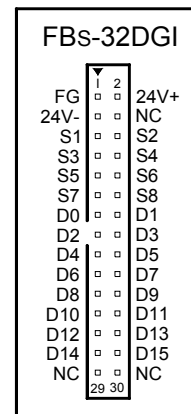
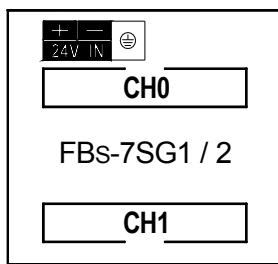
1.7.5 High-Density Digital I/O Expansion Module [30Pin/2.54mm Header connector]

- 24 point high-density input module (24 points IN)
- 24 point high-density transistor output module (24 points OUT, SINK Type)



1.7.6 Numeric I/O Expansion Module [2.54mm Header connector]

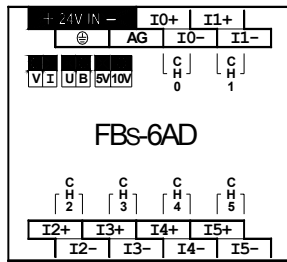
- 7 segment LED display module (8 digits/-7SG1, 16 digits/-7SG2) [16 pin/2.54mm Header connector]
- Thumbwheel switch multiplex input module (4 digits×8) [30Pin/2.54mm Header connector]



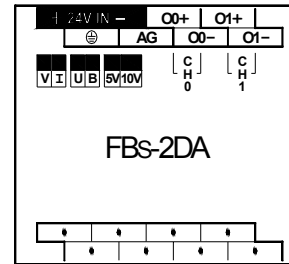
1.7.7 Analog I/O Expansion Module

[7.62mm fixed terminal block]

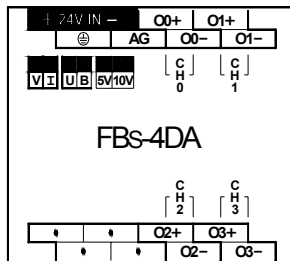
- 6 channel A/D analog input module



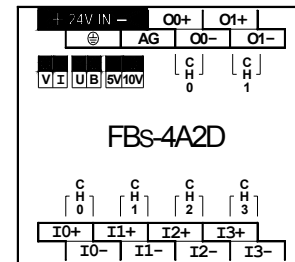
- 2 channel D/A output module



- 4 channel D/A output module



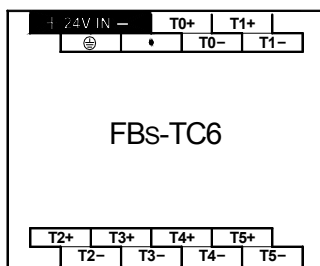
- 4 channel A/D input, 2 channel D/A output module



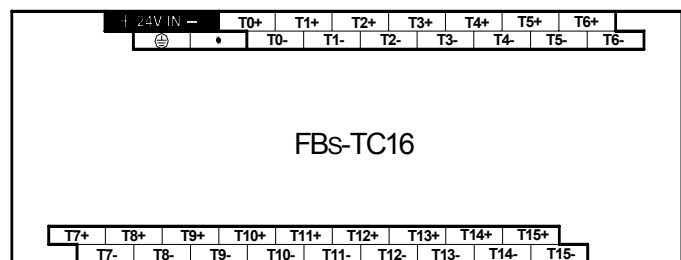
1.7.8 Temperature Input Module

[7.62mm fixed terminal block]

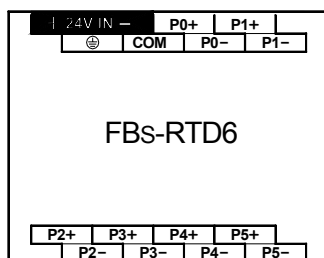
- 6 channel thermocouple input module



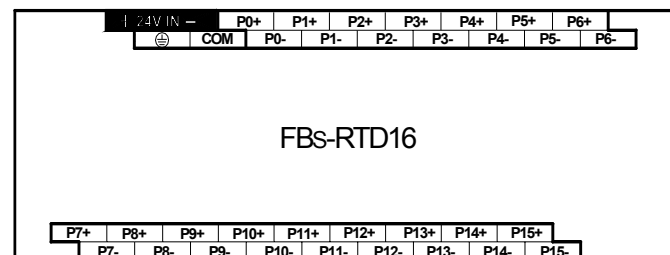
- 16 channel thermocouple input module



- 6 channel RTD input module



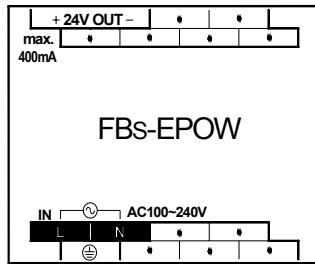
- 16 channel RTD input module



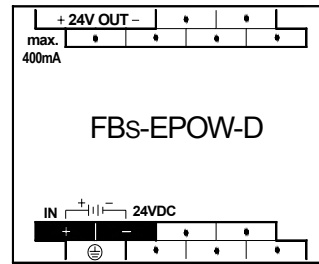
1.7.9 Expansion Power Module

[7.62mm fixed terminal block]

AC
Power



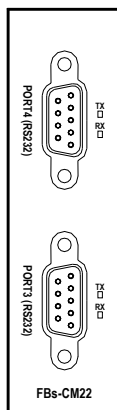
DC
Power



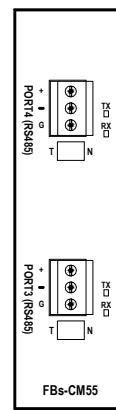
1.7.10 Communication Module (CM)

[DB-9F connector/3Pin or 4Pin Pluggable terminal block]

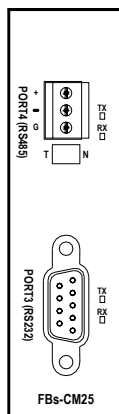
- 2 RS232 ports



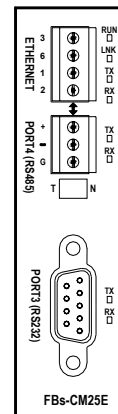
- 2 RS485 ports



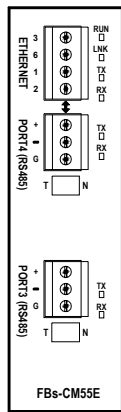
- 1 RS232 + 1 RS485 ports



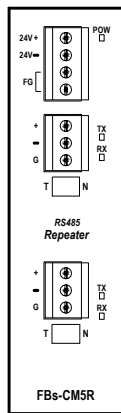
- 1 RS232 + 1 RS485 + Ethernet



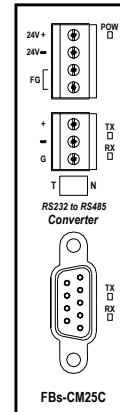
- 2 RS485 ports + Ethernet



- RS485 Repeater



- RS232 ↔ RS485 Converter



- 4 ports RS485 HUB
(7.62mm fixed terminal block)

