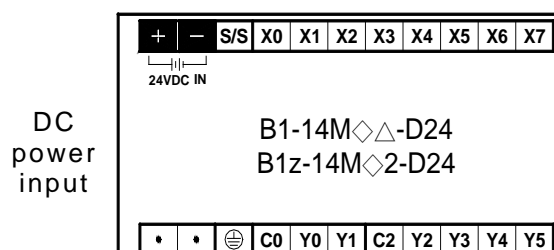
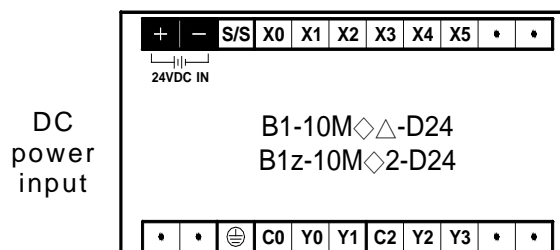
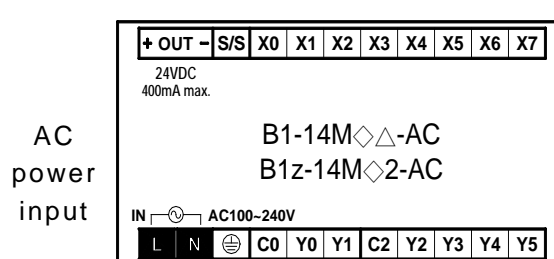
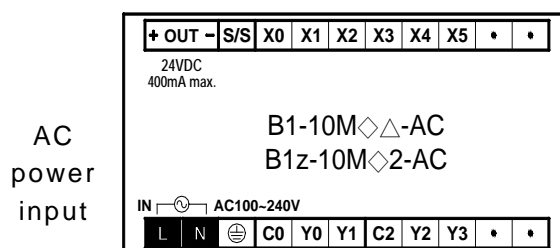


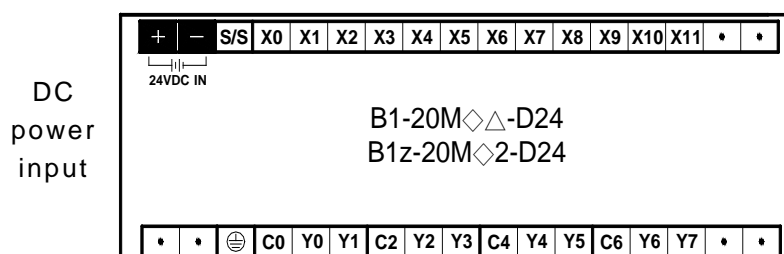
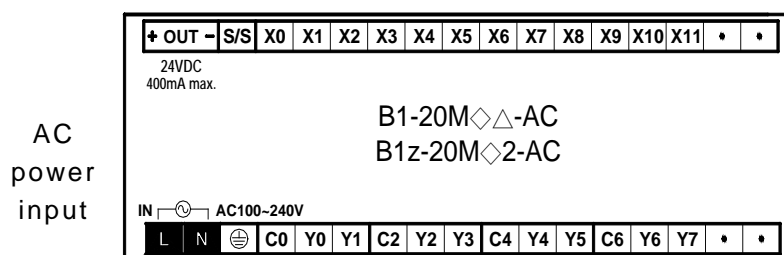
1. B1/B1z Main Units

[5mm Screw terminal block]

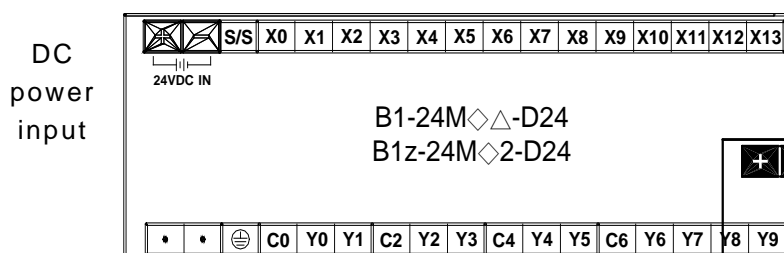
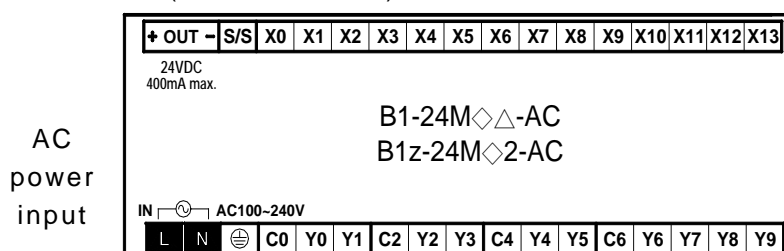
- 10 I/O points main unit (6 IN, 4 OUT)
- 14 I/O points main unit (8 IN, 6 OUT)



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

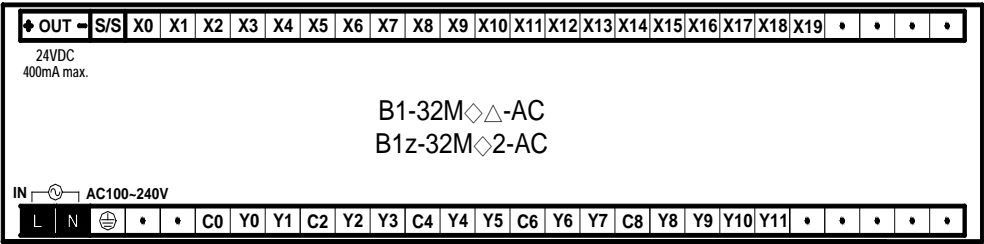


- 24 I/O points main unit (14 IN, 10 OUT)

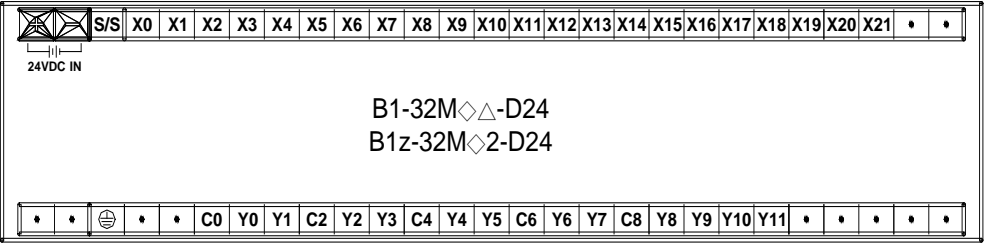


- 32 I/O points main unit (20 IN, 12 OUT)

AC
power
input

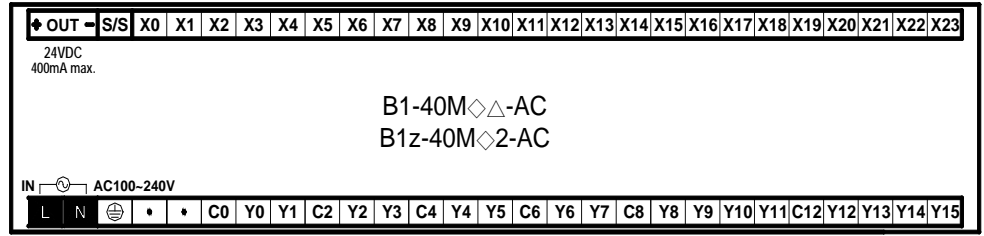


DC
power
input

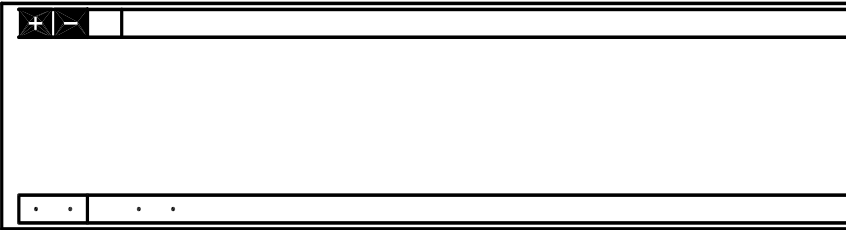


- 40 I/O points main unit (24 IN, 16 OUT)

AC
power
input



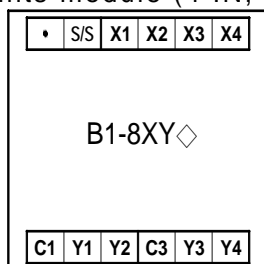
DC
power
input



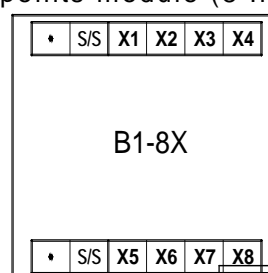
2. Right Side digital I/O Expansion Modules

[5mm Screw terminal block]

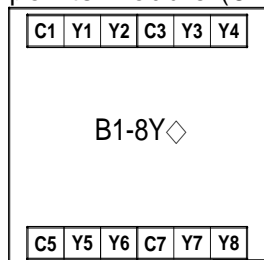
- 8 I/O points module (4 IN, 4 OUT)



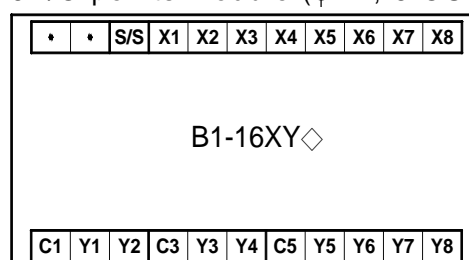
- 8 input points module (8 IN)



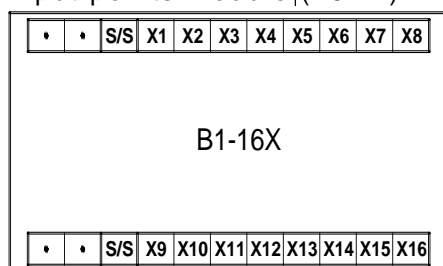
- 8 output points module (8 OUT)



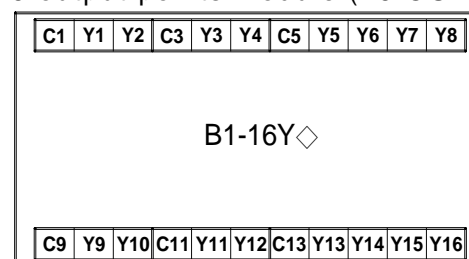
- 16 I/O points module (8 IN, 8 OUT)



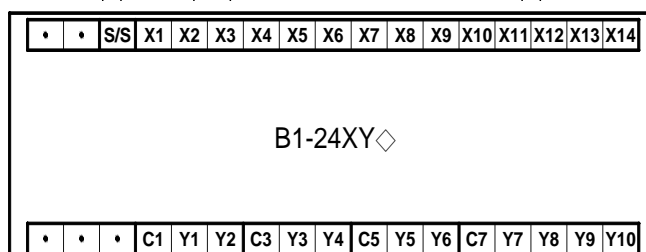
- 16 input points module (16 IN)



- 16 output points module (16 OUT)



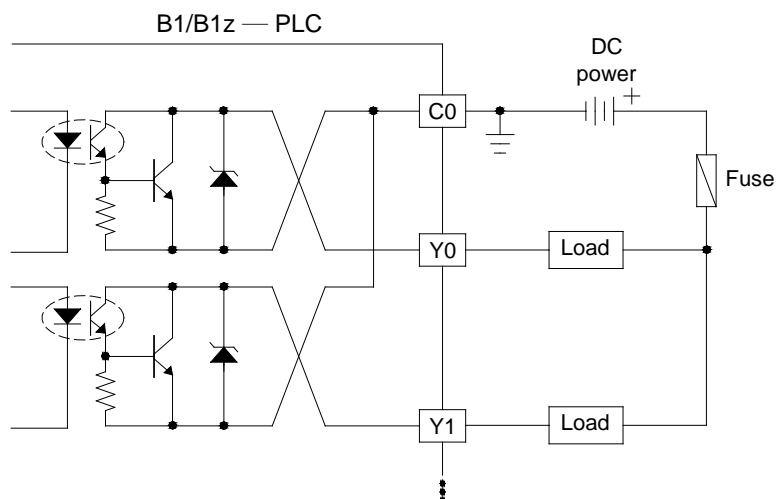
- 24 I/O points module (14 IN, 10 OUT)



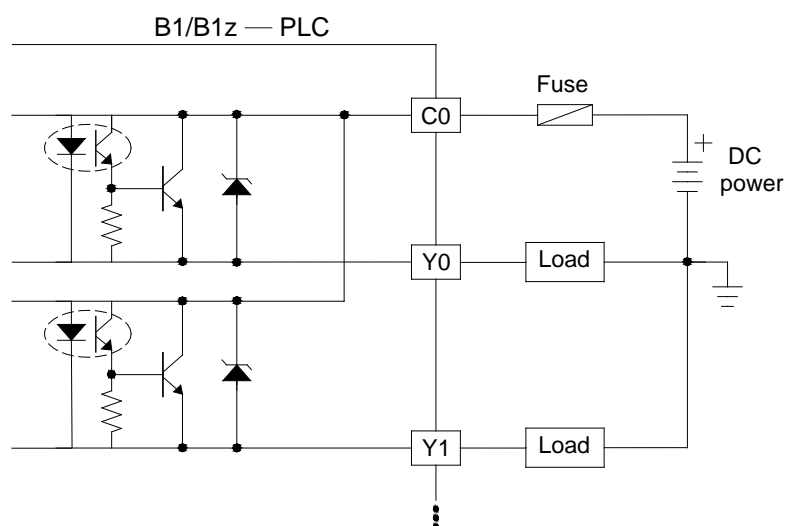
[illegible]

The diagram illustrates the wiring for a PLC input module. At the top, an "External common wire" runs horizontally. On the left, "External Power" is provided as a 24VDC source. Below this, a "B1/B1z PLC" is shown with its own 24VDC source. The PLC's "24V+" terminal is connected to the "24V+" terminal of the input module. The PLC's "24V-" terminal is connected to the "24V-" terminal of the input module. The input module has terminals labeled "24V+", "24V-", "S/S", "X0", "X1", "X2", and "X3". The "S/S" terminal is labeled "Internal common terminal". A "PNP Sensor" is connected to the "S/S" terminal. Four "Input Device"s are connected to terminals "X0", "X1", "X2", and "X3". Each input device is connected to the "External common wire" and the corresponding terminal on the input module. The input module also shows internal circuitry for each input channel, including resistors and diodes connected to ground.

Wiring of transistor single-end SINK output



Wiring of transistor single-end SOURCE output



Wiring of relay single-end output

