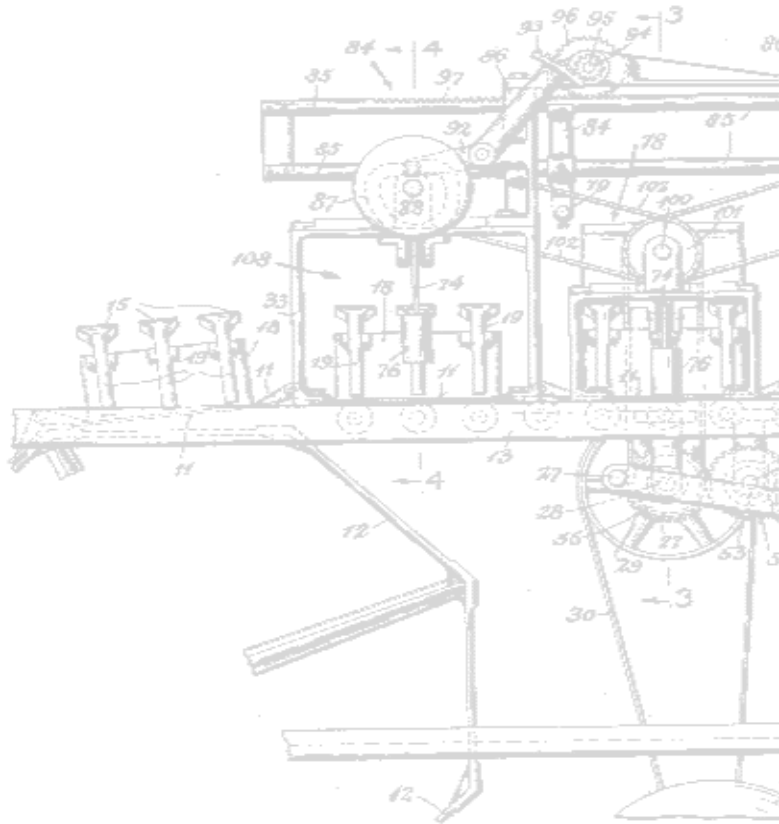
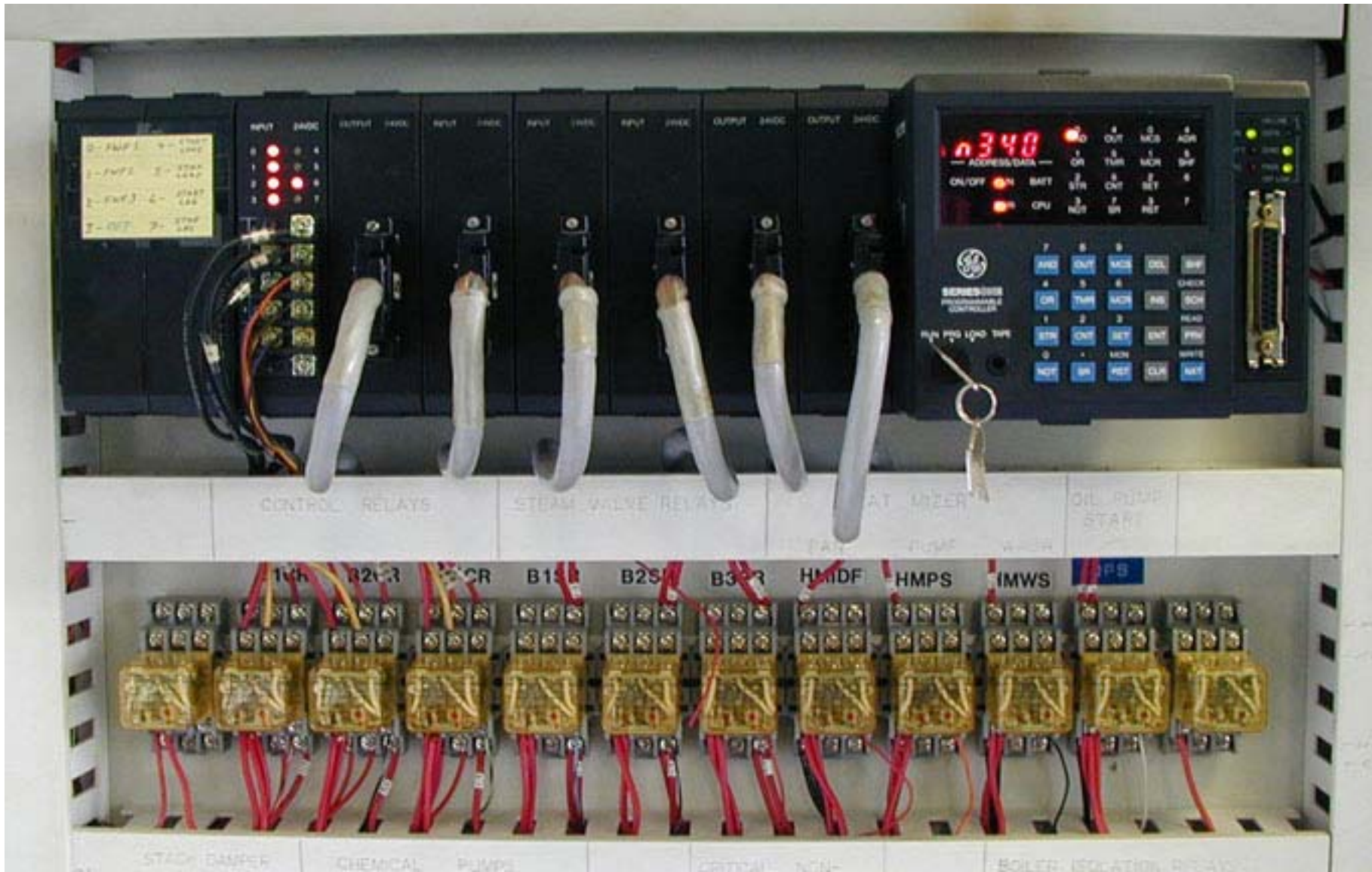


PLC WIRING

- Power input
- Signal inputs
- Control outputs

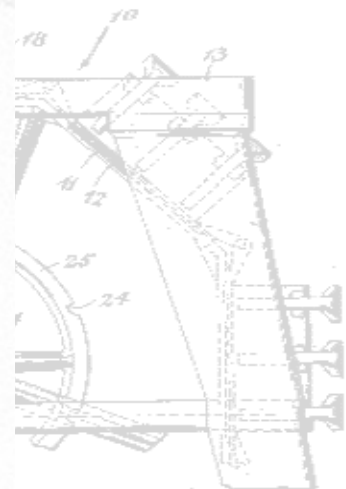


POWER PLANT PLC

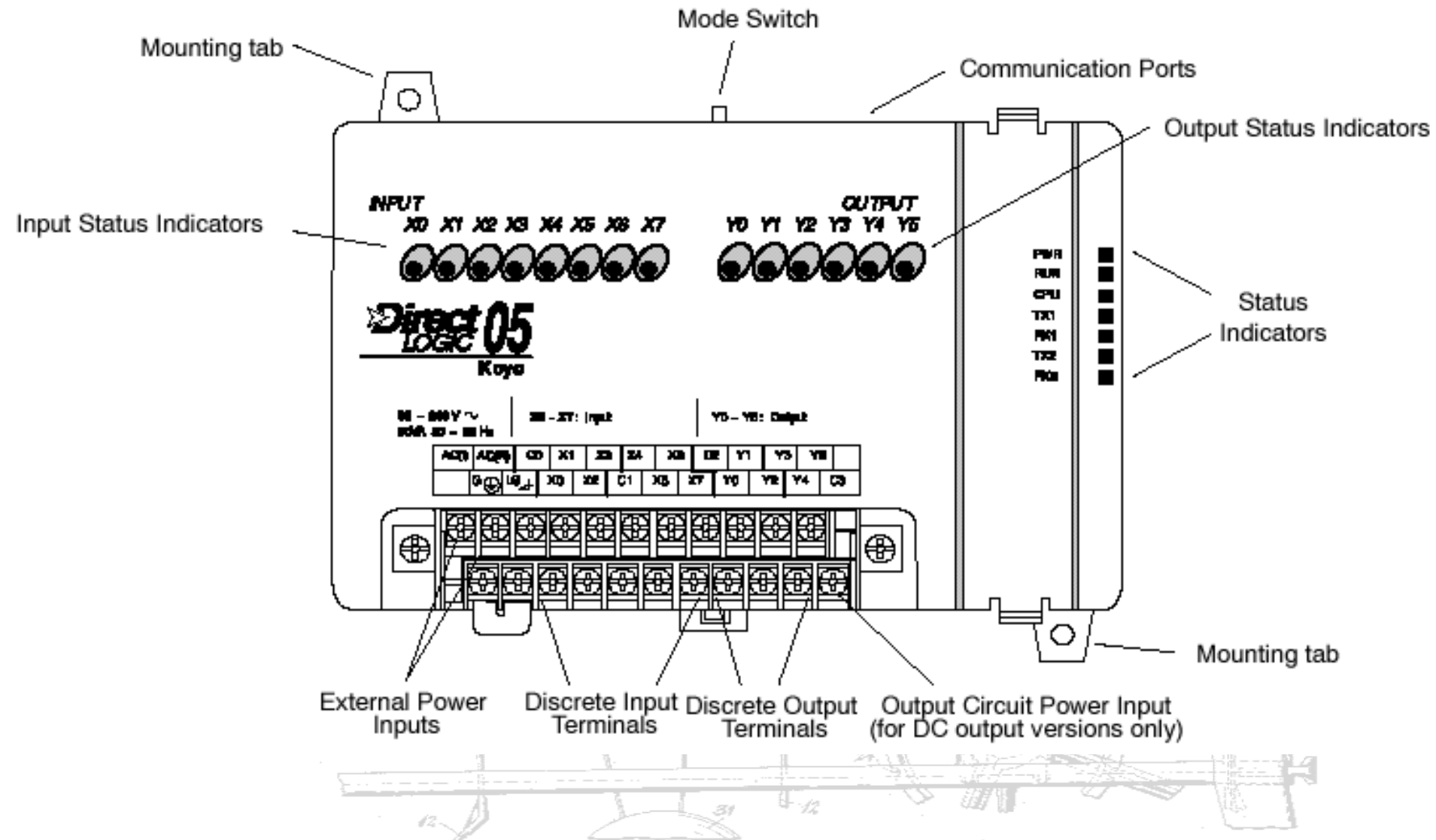


The photograph shows a close-up of a terminal block with multiple rows of terminals. The terminals are labeled B2R, B2W, B2B, B3R, B3W, B3B, L1, L1, and L2. Wires of various colors (red, blue, purple, pink) are connected to the terminals. Some wires have small yellow labels with numbers (2, 3) attached to them. The terminal block is mounted on a white plastic base.

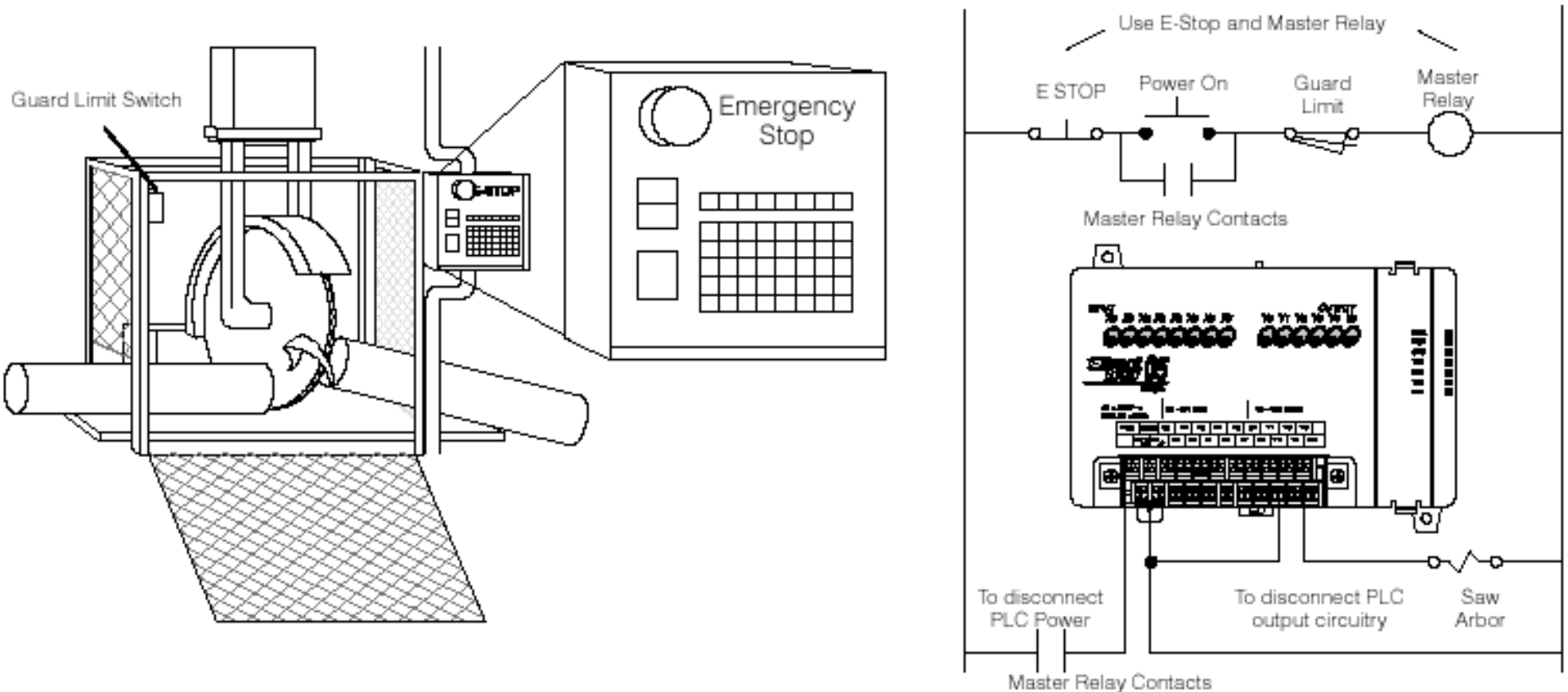
The technical drawings on either side of the photograph show the internal structure of the terminal block. The drawing on the left shows a cross-section of the terminal block with various components labeled with numbers (1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100). The drawing on the right shows a side view of the terminal block with various components labeled with numbers (1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100).



PLC FRONT PANEL

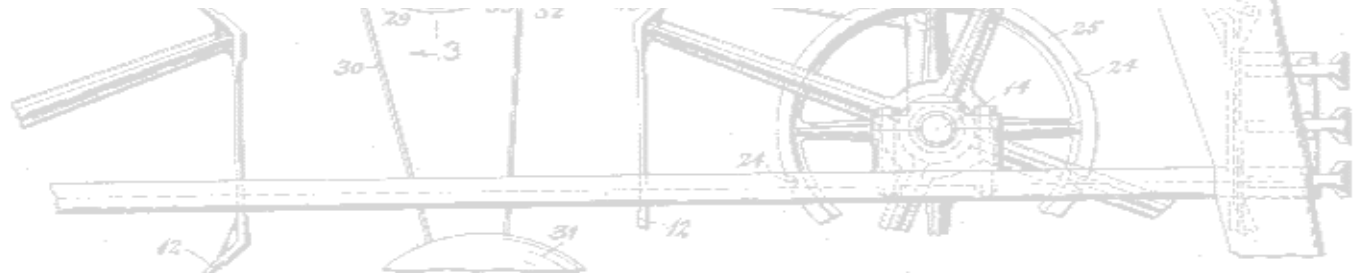
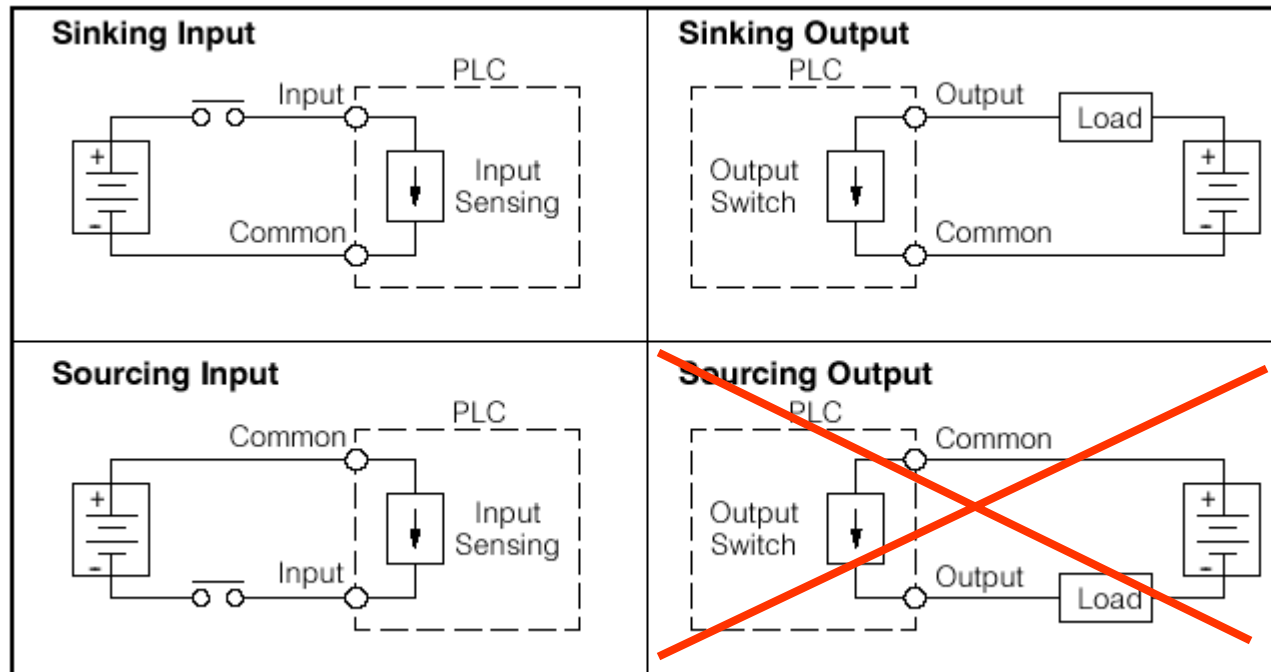


POWER INPUT

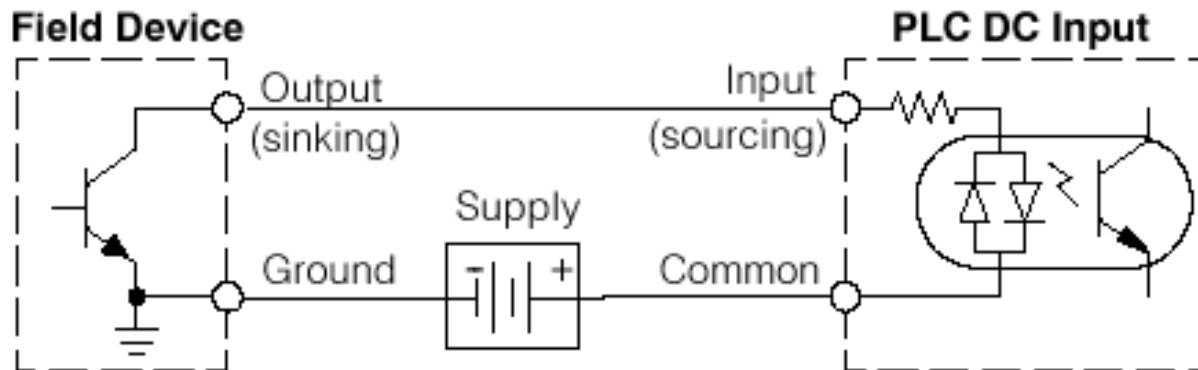
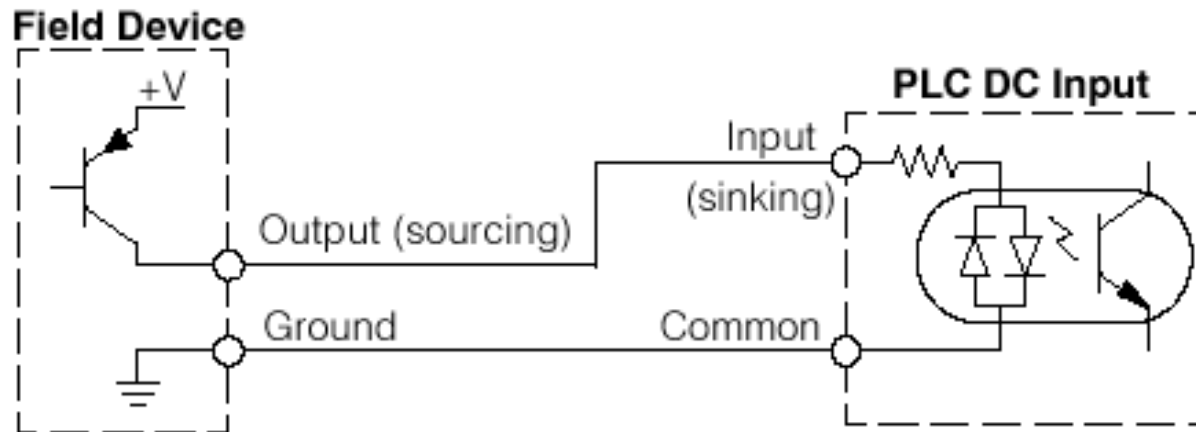


Emergency stop shuts off PLC and PLC loads.

PLC INPUTS AND OUTPUTS

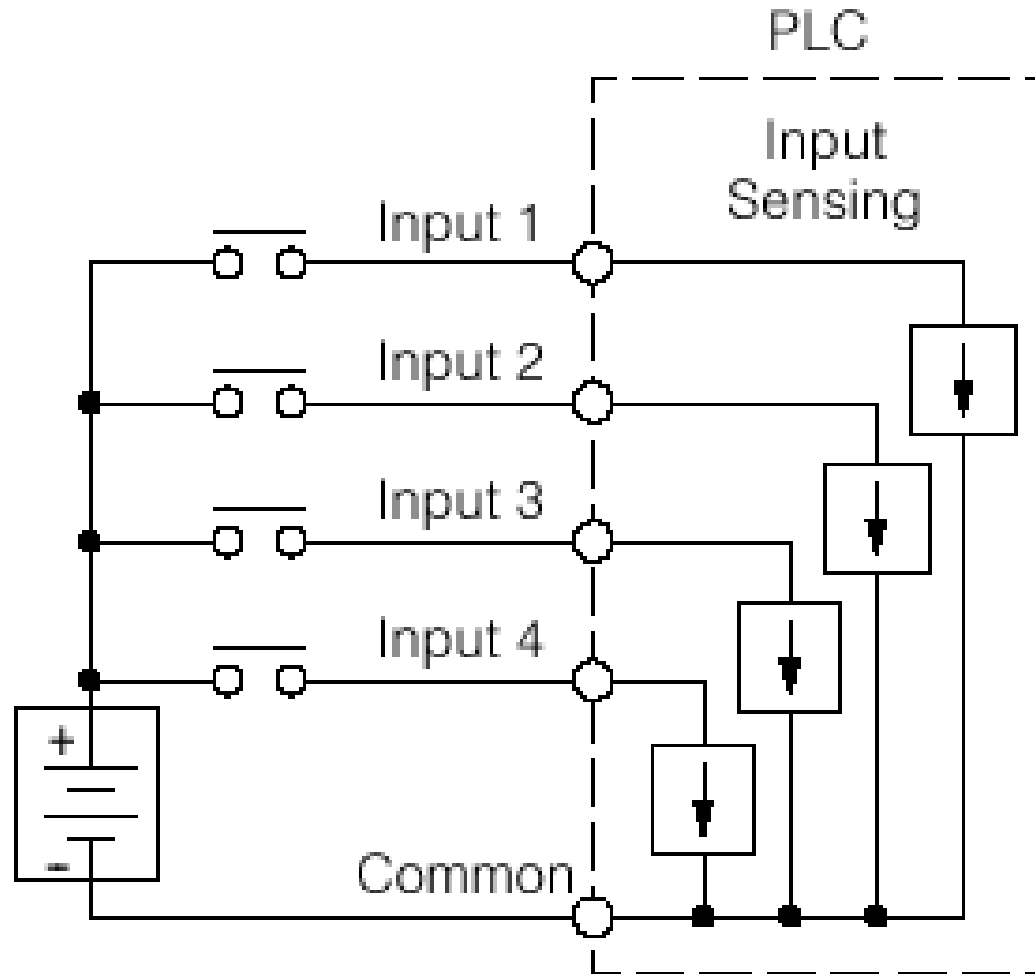


SIGNAL INPUTS



AC(N)	AC(N)	C0	X1	X3	X4	X6	C2	Y1	Y3	Y5	
	G	LG	X0	X2	C1	X5	X7	Y0	Y2	Y4	C3

SIGNAL INPUTS



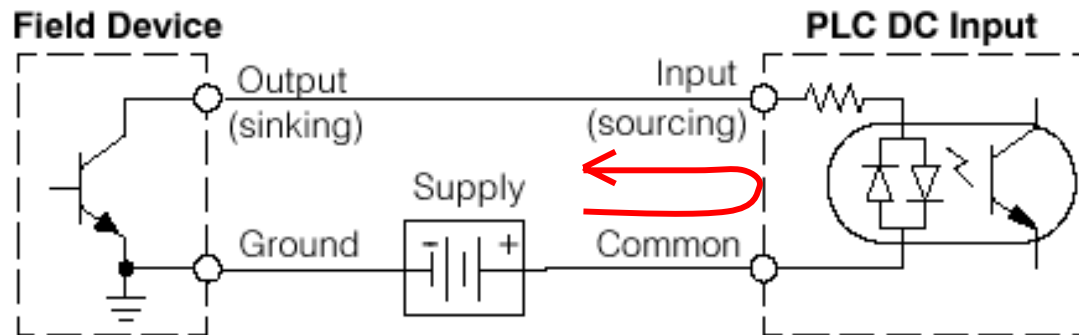
Multiple sinking inputs

TYPICAL INPUT DEVICE

The tag indicates that the LOAD (PLC input) has a +DC common.

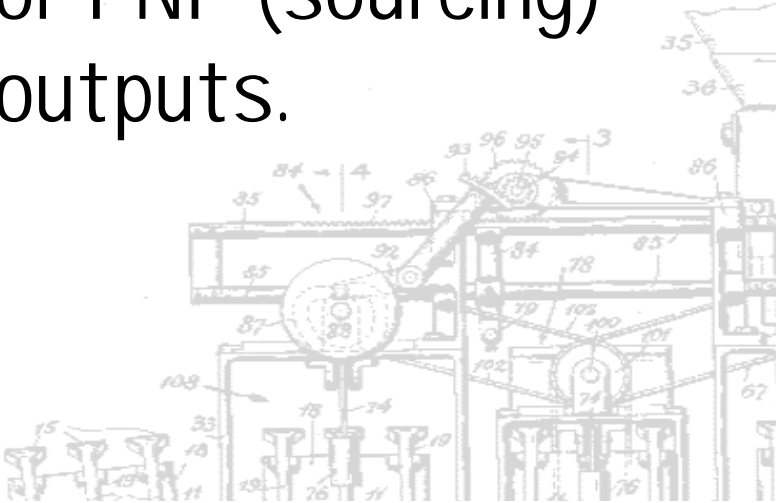
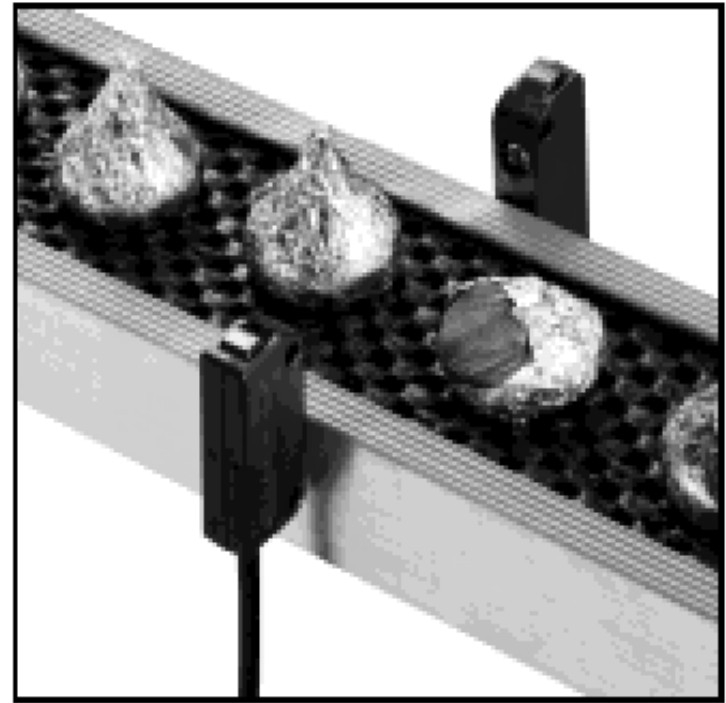
This is a sinking output.

Sinking output => sourcing input

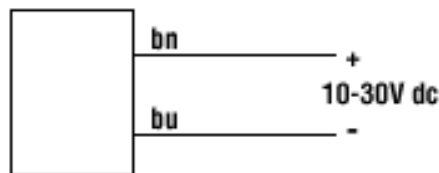


ANOTHER INPUT DEVICE

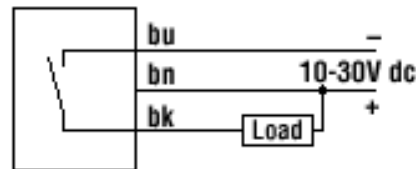
Photosensor - comes in either NPN (sinking) or PNP (sourcing) outputs.



Emitters
Cabled Hookup



Receivers with NPN Outputs
Cabled Hookup



Receivers with PNP Outputs
Cabled Hookup

