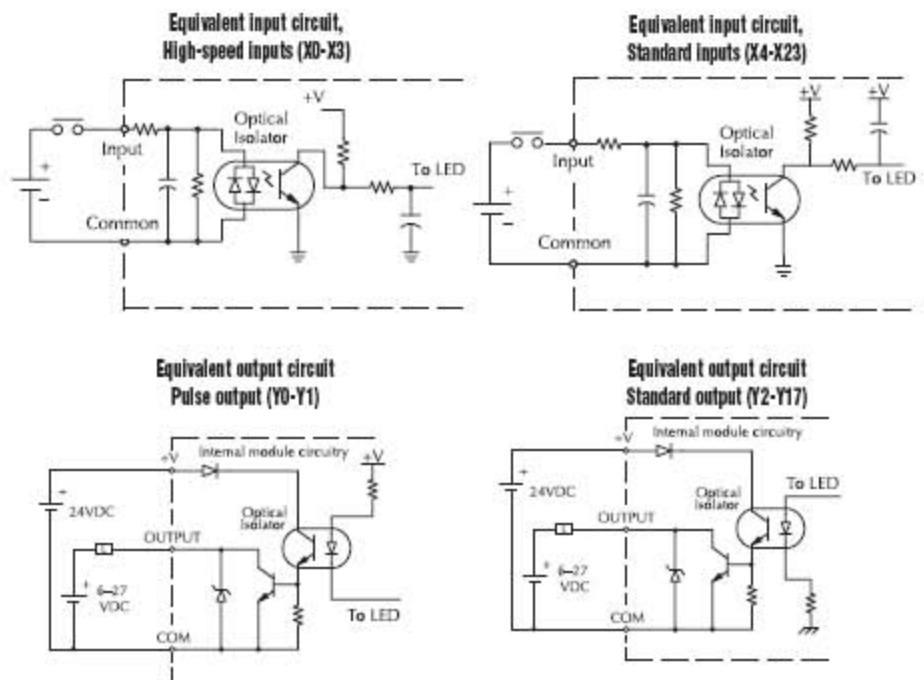
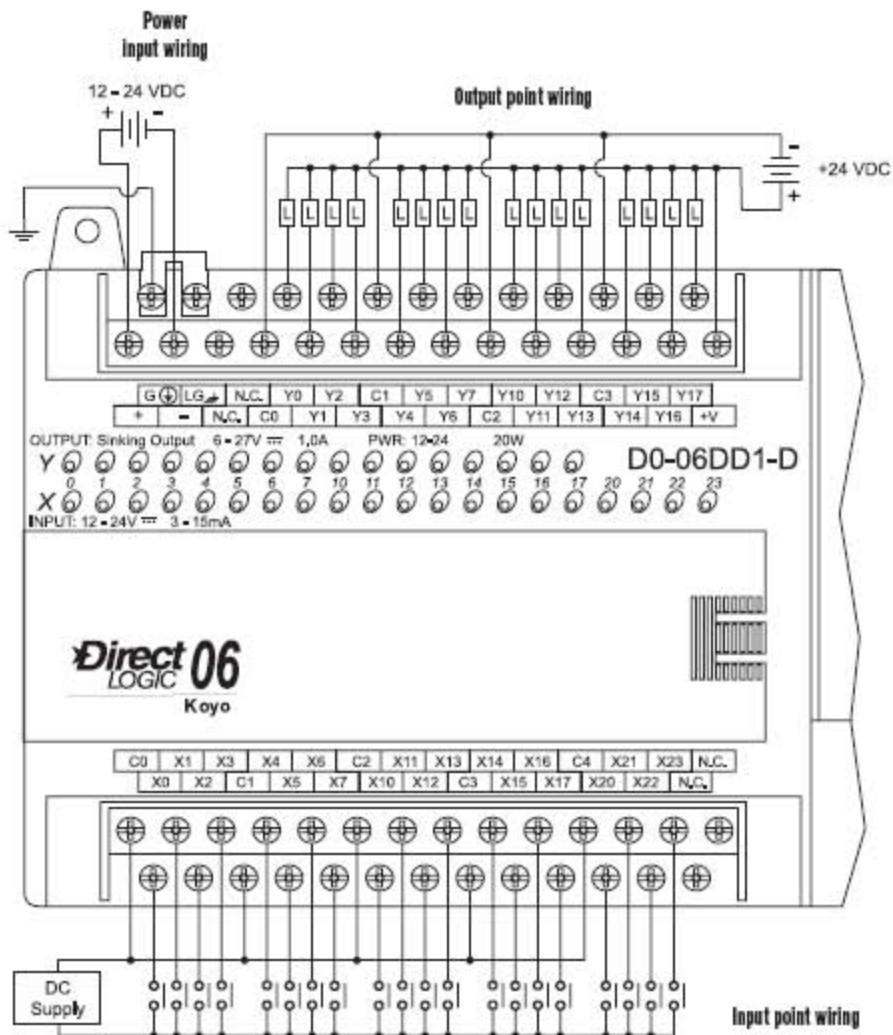


DL06 I/O Specifications

D0-06DD1-D <--->

Wiring diagram and specifications

D0-06DD1-D Specifications		
DC Power Supply Specifications	Voltage Range	12-24VDC (15W)
	Number of Input Pts.	20 (sink/source)
	Number of Commons	5 (isolated)
	Input Voltage Range	12-24VDC
	Input Impedance	(X0-X3) 1.8K @ 12-24VDC (X4-X23) 2.8K @ 12-24VDC
	On Current/Voltage Level	>5mA/10VDC
	OFF Current/Voltage Level	<0.5mA/<2VDC
	Response Time	X0-X3 X4-X23
	OFF to ON Response	<100µs <8ms
	ON to OFF Response	<100µs <8ms
DC Input Specifications	Fuses	None
	Number of Output Points	16 (sinking)
	Number of Commons	4 isolated
	Output Voltage Range	6-27VDC
	Peak Voltage	50VDC
	Max.Frequency (Y0, Y1)	7kHz
	ON Voltage Drop	0.3VDC @ 1A
	Maximum Current	0.5A / point (Y0-Y1)* 1.0A / point (Y2-Y17)**
	Maximum Leakage Current	15µA @ 30VDC
	Maximum Inrush Current	2A for 100ms
	OFF to ON Response	<10µs
	ON to OFF Response	<20µs (Y0-Y1) <60µs (Y2-Y17)
	External DC Power Required	20-28VDC 150mA max.
	Status Indicators	Logic side
	Fuses	None (external recommended)



*When Y0-Y1 are not used for pulse outputs, maximum current output is 1.0A**.

** These outputs must be derated to 0.6A for EN61131-2 compliance.

