

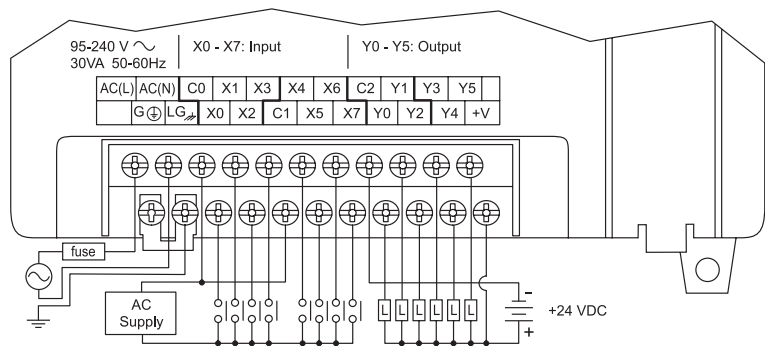
# DL05 I/O Specifications

## D0-05AD

### Wiring diagram and specifications

D0-05AD Specifications		
<b>AC Power Supply Specifications</b>	<b>Voltage Range</b>	95-240VAC (30VA)
	<b>Number of Input Pts.</b>	8
	<b>Number of Commons</b>	2 (isolated)
	<b>Input Voltage Range</b>	90-120VAC
	<b>Frequency Range</b>	47-63Hz
	<b>Input Current</b>	8mA @ 100 VAC at 50 Hz 10mA @ 100 VAC at 60Hz
	<b>On Current/ Voltage Level</b>	>6mA/75VAC
	<b>OFF Current/ Voltage Level</b>	<2mA/20VAC
	<b>OFF to ON Response</b>	<40ms
	<b>ON to OFF Response</b>	<40ms
<b>DC Output Specifications</b>	<b>Fuses</b>	None
	<b>Number of Output Points</b>	6 (sinking)
	<b>Number of Commons</b>	1
	<b>Output Voltage Range</b>	6-27VDC
	<b>Peak Voltage</b>	50VDC
	<b>Max. Frequency (Y0, Y1)</b>	7kHz
	<b>ON Voltage Drop</b>	0.5VDC @ 1A
	<b>Maximum Current</b>	0.5A/pt (Y0-Y1)* 1.0A pt (Y2-Y5)
	<b>Maximum Leakage Current</b>	15µA @ 30VDC
	<b>Maximum Inrush Current</b>	2A for 100ms
	<b>OFF to ON Response</b>	<10µs
	<b>ON to OFF Response</b>	<30µs (Y0-Y1) <60µs (Y2-Y5)
	<b>External DC Power Required</b>	20-28VDC 150mA max
	<b>Status Indicators</b>	Logic side
	<b>Fuses</b>	None (external recommended)

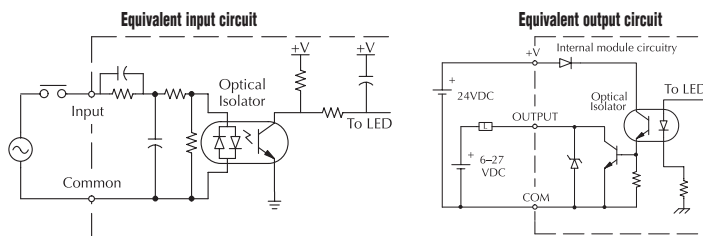
\*When output points Y0 and Y1 are not used in pulse mode, the maximum output current is 1.0A



Power input wiring

Input point wiring

Output point wiring



Derating chart for DC outputs

