

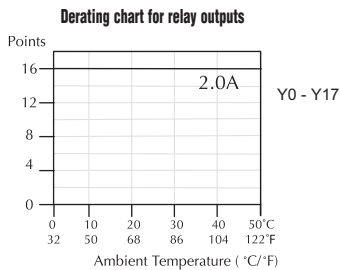
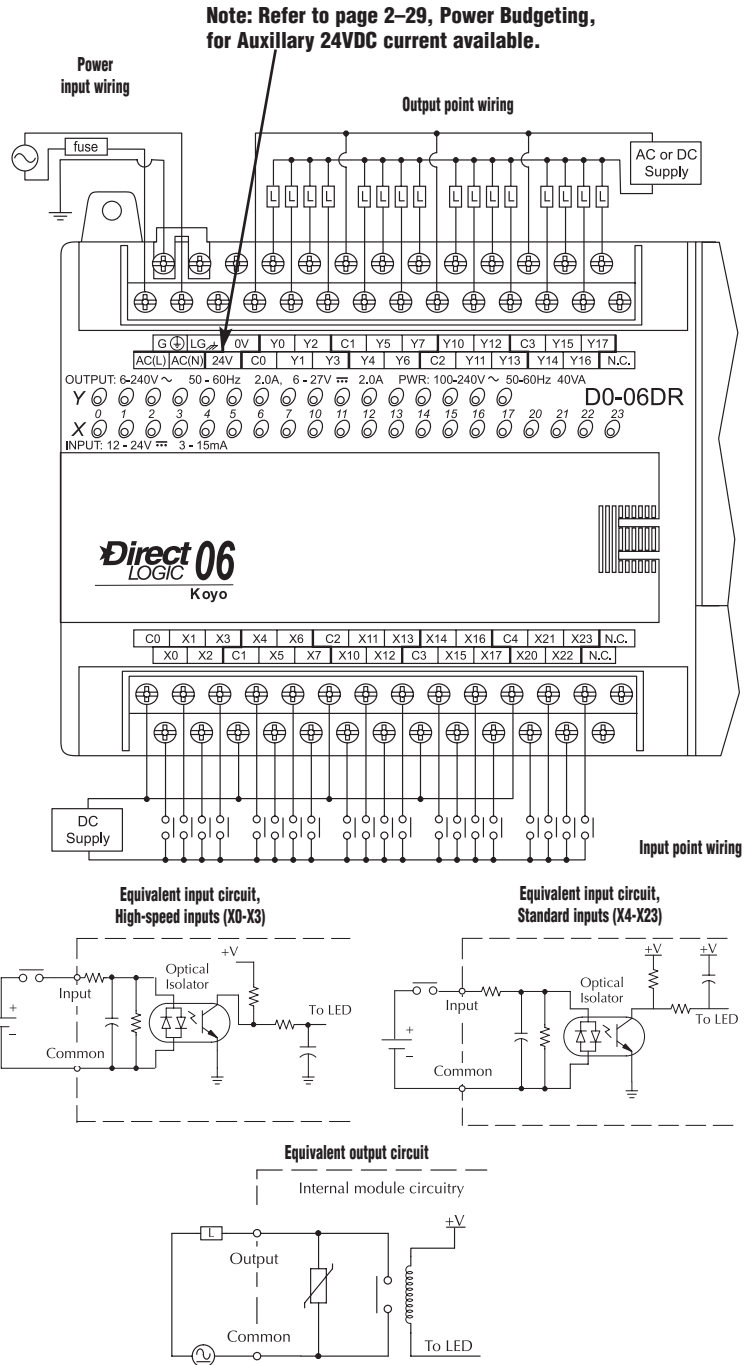
# DL06 I/O Specifications

DO-06DR



## Wiring diagram and specifications

DO-06DR Specifications		
<b>AC Power Supply Specifications</b>	<b>Voltage Range</b>	100-240VAC (40VA)
	<b>Number of Input Pts.</b>	20 (sink/source)
	<b>Number of Commons</b>	5 (isolated)
	<b>Input Voltage Range</b>	12-24VDC
	<b>Input Impedance</b>	(X0-X3) 1.8K @ 12-24VDC (X4-X23) 2.8K @ 12-24VDC
	<b>On Current/Voltage Level</b>	>5mA/10VDC
	<b>OFF Current/Voltage Level</b>	<0.5mA/<2VDC
	<b>Response Time</b>	X0-X3 X4-X23
	<b>OFF to ON Response</b>	<100µs <8ms
	<b>ON to OFF Response</b>	<100µs <8ms
<b>DC Input Specifications</b>	<b>Fuses</b>	None
	<b>Number of Output Points</b>	16
	<b>Number of Commons</b>	4 (isolated)
	<b>Output Voltage Range</b>	6-240VAC, 47-63Hz 6-27VDC
	<b>Maximum Voltage</b>	264VAC, 30VDC
	<b>Maximum Current</b>	2A/point 6A/common
	<b>Maximum Leakage Current</b>	0.1mA @ 246VAC
	<b>Smallest Recommended Load</b>	5mA @ 5VDC
	<b>OFF to ON Response</b>	<15ms
	<b>ON to OFF Response</b>	<10ms
	<b>Status Indicators</b>	Logic side
	<b>Fuses</b>	None (external recommended)
	<b>Relay Output Specifications</b>	<b>Number of Input Pts.</b>
<b>Number of Commons</b>		5 (isolated)
<b>Input Voltage Range</b>		12-24VDC
<b>Input Impedance</b>		(X0-X3) 1.8K @ 12-24VDC (X4-X23) 2.8K @ 12-24VDC
<b>On Current/Voltage Level</b>		>5mA/10VDC
<b>OFF Current/Voltage Level</b>		<0.5mA/<2VDC
<b>Response Time</b>		X0-X3 X4-X23
<b>OFF to ON Response</b>		<100µs <8ms
<b>ON to OFF Response</b>		<100µs <8ms
<b>Fuses</b>		None
<b>Number of Output Points</b>		16
<b>Number of Commons</b>		4 (isolated)
<b>Output Voltage Range</b>		6-240VAC, 47-63Hz 6-27VDC
<b>Maximum Voltage</b>	264VAC, 30VDC	
<b>Maximum Current</b>	2A/point 6A/common	
<b>Maximum Leakage Current</b>	0.1mA @ 246VAC	
<b>Smallest Recommended Load</b>	5mA @ 5VDC	
<b>OFF to ON Response</b>	<15ms	
<b>ON to OFF Response</b>	<10ms	
<b>Status Indicators</b>	Logic side	
<b>Fuses</b>	None (external recommended)	



Typical Relay Life (Operations) at Room Temperature		
Voltage and Type of Load	Load Current	
	At 1A	At 2A
24 VDC Resistive	500K	250K
24 VDC Inductive	100K	50K
110 VAC Resistive	500K	250K
110 VAC Inductive	200K	100K
220 VAC Resistive	350K	200K
220 VAC Inductive	100K	50K