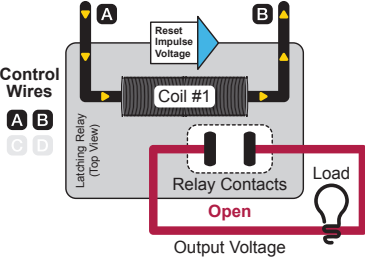
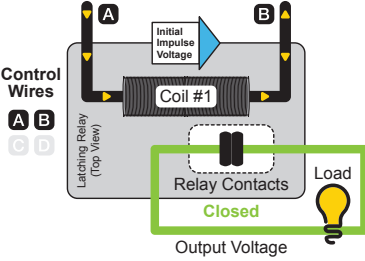
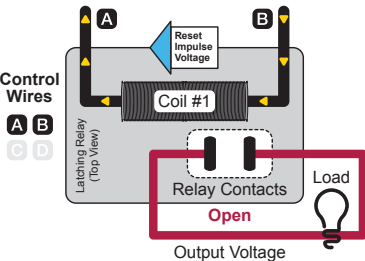
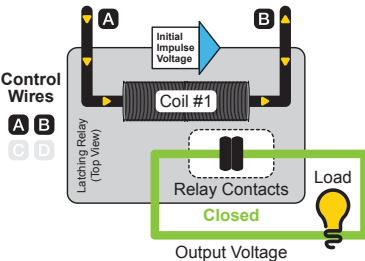
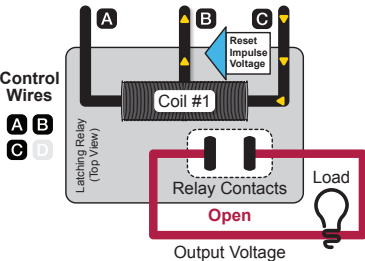
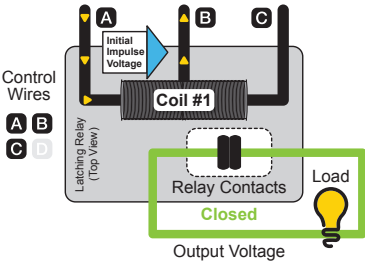
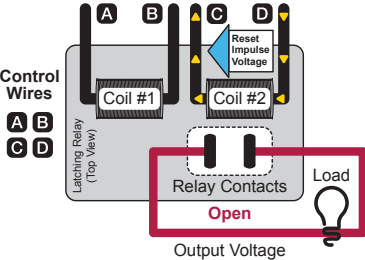
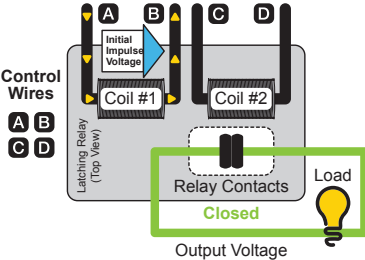


Magnecraft™ Latching Relay Wiring

Detailed wiring descriptions and diagrams

Wire Setup	Wiring Diagrams		Relays
	Contacts Open	Contacts Closed	
<p>2-Wire, Unidirectional Pulse:</p> <p>The contacts transfer and reset when a unidirectional pulse is applied to the single coil using two (2) control wires. Available for AC & DC circuits.</p>	 <p>Control Wires A B C D</p> <p>Coil #1</p> <p>Reset Impulse Voltage</p> <p>Relay Contacts</p> <p>Open</p> <p>Load</p> <p>Output Voltage</p>	 <p>Control Wires A B C D</p> <p>Coil #1</p> <p>Initial Impulse Voltage</p> <p>Relay Contacts</p> <p>Closed</p> <p>Load</p> <p>Output Voltage</p>	711
<p>2-Wire, Alternating Polarity:</p> <p>The contacts transfer and reset when the voltage polarity is alternated into the single coil using two (2) control wires. Available for DC circuits only.</p>	 <p>Control Wires A B C D</p> <p>Coil #1</p> <p>Reset Impulse Voltage</p> <p>Relay Contacts</p> <p>Open</p> <p>Load</p> <p>Output Voltage</p>	 <p>Control Wires A B C D</p> <p>Coil #1</p> <p>Initial Impulse Voltage</p> <p>Relay Contacts</p> <p>Closed</p> <p>Load</p> <p>Output Voltage</p>	303 785
<p>3-Wire:</p> <p>The contacts transfer and reset when the voltage is alternated between two (2) control wires while utilizing a third (common) wire. This single coil has internal diodes. Available for AC circuits only.</p>	 <p>Control Wires A B C D</p> <p>Coil #1</p> <p>Reset Impulse Voltage</p> <p>Relay Contacts</p> <p>Open</p> <p>Load</p> <p>Output Voltage</p>	 <p>Control Wires A B C D</p> <p>Coil #1</p> <p>Initial Impulse Voltage</p> <p>Relay Contacts</p> <p>Closed</p> <p>Load</p> <p>Output Voltage</p>	303 755 785
<p>4-Wire:</p> <p>The contacts transfer and reset when the voltage is alternated between two (2) unique coils using four (4) control wires. Available for DC circuits only.</p>	 <p>Control Wires A B C D</p> <p>Coil #1</p> <p>Coil #2</p> <p>Reset Impulse Voltage</p> <p>Relay Contacts</p> <p>Open</p> <p>Load</p> <p>Output Voltage</p>	 <p>Control Wires A B C D</p> <p>Coil #1</p> <p>Coil #2</p> <p>Initial Impulse Voltage</p> <p>Relay Contacts</p> <p>Closed</p> <p>Load</p> <p>Output Voltage</p>	303 385 755 785

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