

755 Series Octal Base Magnetic Latching Relay Selection Guide



755-2C-120A shown

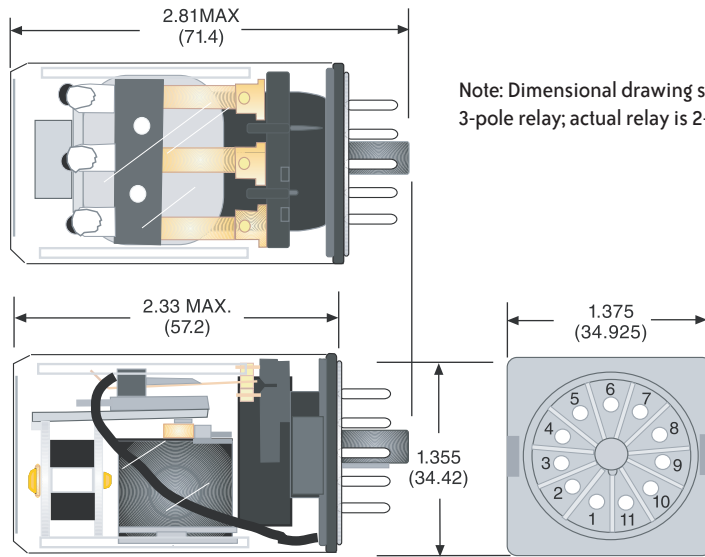
Features

- 11-pin octal base (use 750-3C-SKT) installs easily
- 16 amp contact rating handles most control circuit loads
- Permanent magnet latching mechanism holds last set position

755 Series Relay Selection Guide						
Part Number	Price	Coil Voltage	Configuration	Contact Rating	Relay Socket Part	Price
755-2C-120A	<---->	120VAC	DPDT	16A	750-3C-SKT	<-->
755-2C-240A	<---->	240VAC				
755-2CD-24D	<---->	24VDC				

Dimensions

inches [mm]



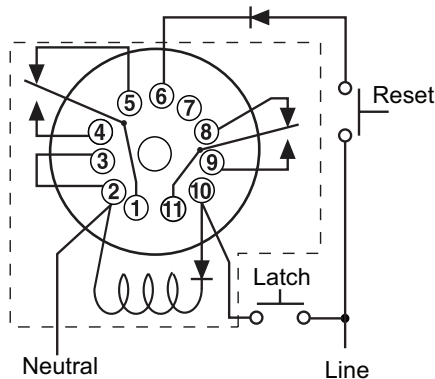
Uses 11 Pin Octal base (750-3C-SKT, not shown)

Wiring

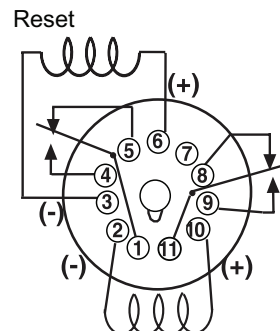
755 Series

Latch and reset are designed to be impulse activated.

Energizing "Latch" will latch relay. Energize "Reset" to unlatch.



AC Operation



DC Operation

755 Series Octal Base Magnetic Latching Relay Specifications

755 Series Specifications (@ 25°C)			
Part Numbers	755-2C-120A (single coil)	755-2C-240A (single coil)	755-2CD-24D (double coil)
Contact Specifications			
Contact Type	DPDT		
Contact Material	Silver cadmium oxide, gold flashed		
Contact Rating	16A @ 120/240VAC 50/60Hz, 16A @ 28VDC		
Minimum Switching Requirement	100mA @ 5VDC or 0.5W		
Contact Resistance	50mΩ		
Coil Specifications			
Standard	LED Indicator		
Coil Input Voltage	120VAC 50/60 Hz	240VAC 50/60 Hz	24VDC
Coil Resistance	10kΩ	3.6kΩ	350Ω
Power Consumption	2VA to 3.55VA (60Hz) AC, 1.64VA DC		
Dropout Voltage (% of rated voltage)	N/A		
Pull-in Voltage	AC: Max. 85% of nominal voltage or less DC: Max 80% of nominal voltage or less		
Max. Voltage (Max. instantaneous voltage)	115% of the rated coil voltage		
General Specifications			
Service Life	Mechanical @ no load: 10 million operations		
	Electrical: 100,000 operations @ rated resistive load (AC1)		
Operating Temperature	AC: -30°C to 70°C (-22°F to 158°F) DC: -30°C to 75°C (-22°F to 167°F)		
Weight	170 g (6 oz)		
*Agency Approvals and Standards	UL Recognized file E43641, CSA 244610		

* UL Listed when used with sockets 750-2C-SKT and 750-3C-SKT.
Current limited to rating of relay or socket, whichever is less.

Company Information

Drives

Soft Starters

Motors

Power Transmission

Motion: Servos and Steppers

Motor Controls

Sensors: Proximity

Sensors: Photoelectric

Sensors: Encoders

Sensors: Limit Switches

Sensors: Current

Sensors: Pressure

Sensors: Temperature

Sensors: Level

Sensors: Flow Switches

Pushbuttons and Lights

Stacklights

Signal Devices

Process

Relays and Timers

Pneumatics: Air Prep

Pneumatics: Directional Control Valves

Pneumatics: Cylinders

Pneumatics: Tubing

Pneumatics: Air Fittings

Appendix Book 2

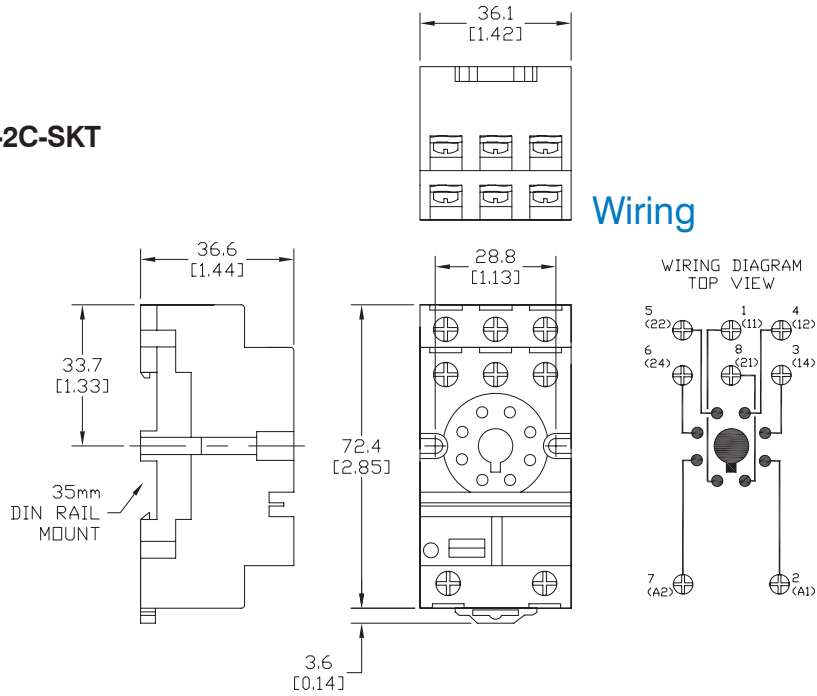
Terms and Conditions

75 Series Socket Dimensions

Dimensions

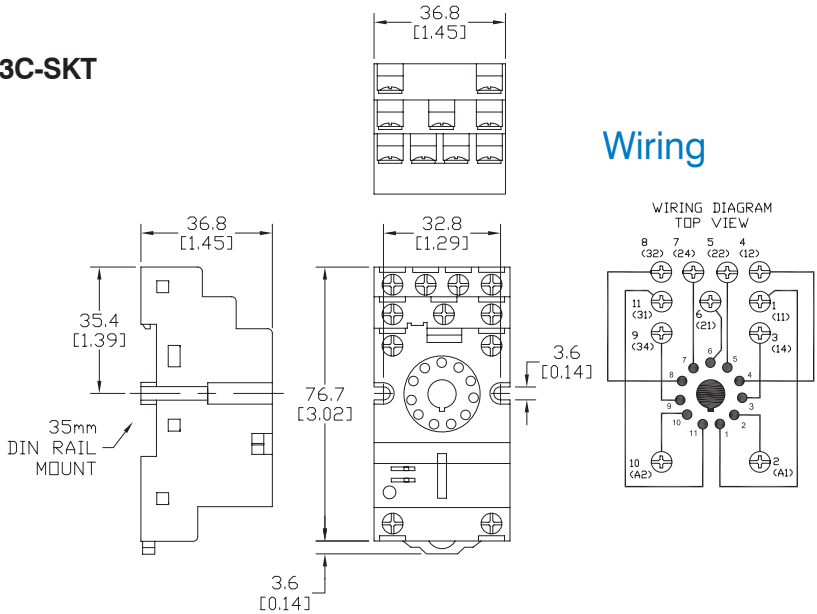
inches [mm]

Figure 3: 750-2C-SKT



Wiring

Figure 4: 750-3C-SKT



Wiring

Bus Connector

Accessory		
Part Number	Description	Price
33-796-1	Coil bus connector used to connect multiple relays in parallel. Package includes 5 pairs of bus bars to connect up to 5 relays together.	<----->