

Specifications (UL 508)

Part Number	782XAX	782XBXC / CL / M4L	782XBXCT
Contact Characteristics			
Terminal Style	Blade	Blade	PC Terminals
Contact Configuration	SPDT	DPDT	
Maximum Current	20 A	15 A	
Contact Materials	Silver Alloy	Silver Alloy	
Maximum Switching Voltage	300 V	300 V	
Rated Switching Current at Voltage	Resistive: 20 A at 120 Vac 50/60 Hz; 20 A at 277 Vac 50/60 Hz; 20 A at 28 Vdc Motor: 1 hp at 250 Vac 50/60 Hz; 1/2 hp at 120 Vac 50/60 Hz Pilot Duty: B300	Resistive: 10 A at 277 Vac 50/60 Hz (CSA); 12 A at 277 Vac 50/60 Hz; 15 A at 120 Vac 50/60 Hz; 12 A at 28 Vdc Motor: 1 hp at 250 Vac 50/60 Hz; 1/2 hp at 120 Vac 50/60 Hz Pilot Duty: B300	
Minimum Switching Requirement	100 mA at 5 Vdc (0.5 W)	100 mA at 5 Vdc (0.5 W)	
Coil Characteristics			
Maximum Operating Voltage	110% (AC / DC)	110% (AC / DC)	
Maximum Pickup Voltage	85% (AC); 80% (DC)	85% (AC); 80% (DC)	
Drop-out Voltage Threshold	15% (AC); 10% (DC)	15% (AC); 10% (DC)	
Average Consumption	1.2 VA (AC); 0.9 W (DC)	1.2 VA (AC); 0.9 W (DC)	
General Characteristics			
Electrical Life at Rated Load	100,000 operations	100,000 operations	
Mechanical Life (Unpowered)	10,000,000 operations	10,000,000 operations	
Operating Time (Response Time)	20 ms	20 ms	
Dielectric Strength - Between Coil and Contact (AC)	1600 V(rms)	1600 V(rms)	
Dielectric Strength - Between Poles (AC)	1600 V(rms)	1600 V(rms)	
Ambient Air Temperature around the Device - Storage	-40 – +85 °C (-40 – +185 °F)	-40 – +85 °C (-40 – +185 °F)	
Ambient Air Temperature around the Device - Operation	-40 – +55 °C (-40 – +131 °F)	-40 – +55 °C (-40 – +131 °F)	
Vibration Resistance - Operational	3 g-n at 10-55 Hz	3 g-n at 10-55 Hz	
Shock Resistance	10 g-n	10 g-n	
Degree of Protection	IP 40	IP 40	
Weight	36 g (1.27 oz)	36 g (1.27 oz)	
Agency Approvals	UL with socket, UR (E43641), CE, CSA (LR40787), RoHS	UL with socket, UR (E43641), CE, CSA (LR40787), RoHS	

Note: Actual product performance may vary depending on application and environmental conditions.