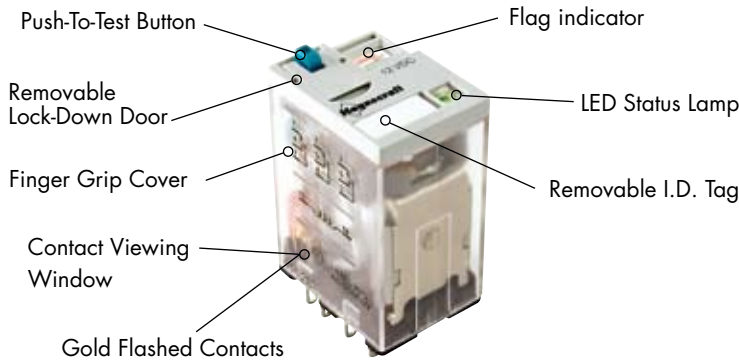


# 782 Ice Cube Relays/3PDT, 3-10 Amp Rating (DC & AC)



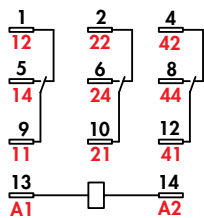
## General Specifications

(UL 508)

782XCX2

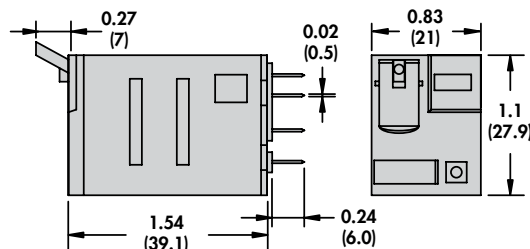
Contact Characteristics		Units	Standard
Number and type of Contacts			3PDT
Contact materials			Silver Alloy
Thermal (Carrying) Current		A	10
Maximum Switching Voltage		V	300
Switching Current @ Voltage	~	Resistive	10A @ 120V 50/60Hz
	~	Resistive	8A @ 277V 50/60Hz
	~	Resistive	8A @ 28V
	~	HP	1/3 @ 120VAC
	~	HP	1 @ 277 VAC
	~	Pilot Duty	B300
Minimum Switching Requirement		mA	100 @ 5VDC (.5W)
Coil Characteristics			
Voltage Range		~	V
		~	V
Operating Range	% of Nominal	~	85% to 110%
		~	80% to 110%
Average consumption		~	VA
		~	W
Drop-out voltage threshold		~	15%
		~	10%
Performance Characteristics			
Electrical Life (UL508)	Operations @ Rated Current	(Resistive)	200,000
Mechanical Life	Unpowered		10,000,000
Operating time (response time)			ms
			20
Dielectric strength	Between coil and contact	~	V(rms)
	Between poles	~	V(rms)
	Between contacts	~	V(rms)
			1500
			1500
			1500
Environment			
Product certifications	Standard version		UL, CSA, CE
Ambient air temperature around the device	Storage		°C
	Operation		°C
Vibration resistance	Operational		g-n
Shock resistance			g-n
Degree of protection			IP 40
Weight		grams	36

782XCX2

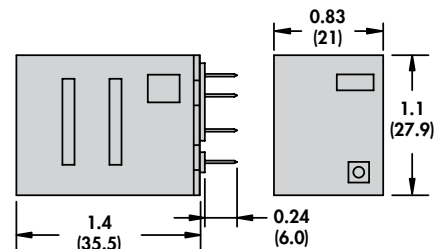


Wiring Diagram  
Bottom View

Full Featured Dimensions



Plain Cover Dimensions





Full Featured

**NEW**  
**NEW**  
**NEW**  
**NEW**  
**NEW**



Plain Cover

**Standard Part Numbers**

**BOLD-FACED PART NUMBERS ARE NORMALLY STOCKED**

Nominal Voltage	Coil Resistance	3PDT Part Number (Full Feature) 10 Amp	3PDT Part Number (Plain Cover) 10 Amp
AC Operated			
6 VAC 50/60 Hz	9.6 Ohms	<b>782XCX2M4L-6A</b>	<b>782XCX2C-6A</b>
12 VAC 50/60 Hz	46 Ohms	<b>782XCX2M4L-12A</b>	<b>782XCX2C-12A</b>
24 VAC 50/60 Hz	180 Ohms	<b>782XCX2M4L-24A</b>	<b>782XCX2C-24A</b>
120 VAC 50/60 Hz	4430 Ohms	<b>782XCX2M4L-120A</b>	<b>782XCX2C-120A</b>
220-230 VAC 50/60 Hz	15000 Ohms	<b>782XCX2M4L-220/230A</b>	<b>782XCX2C-220/230A</b>
240 VAC 50/60 Hz	15720 Ohms	<b>782XCX2M4L-240A</b>	<b>782XCX2C-240A</b>
DC Operated			
6 VDC	40 Ohms	<b>782XCX2M4L-6D</b>	<b>782XCX2C-6D</b>
12 VDC	160 Ohms	<b>782XCX2M4L-12D</b>	<b>782XCX2C-12D</b>
24 VDC	650 Ohms	<b>782XCX2M4L-24D</b>	<b>782XCX2C-24D</b>
48 VDC	2600 Ohms	<b>782XCX2M4L-48D</b>	<b>782XCX2C-48D</b>
110-125 VDC	11000 Ohms	<b>782XCX2M4L-110/125D</b>	<b>782XCX2C-110/125D</b>

**Custom Relay Part Number Builder**

Series	Contact Config.	Contact Code	Cover Options	Terminal Style	Feature Options	Coil Voltage
782	XCX	2	C	T	M4L-	240A
782	XCX = 3PDT	10 Amp Silver Alloy = 2	Full Feature = No Code Plain Cover = C	Plug In = No Code PC terminal = T	Side Push Button = M Locking Push Button = M4 Bi-Polar LED = L	VAC = 6 - 240A VDC = 6 - 125D

**Relay Adapters**



**16-782PC-1**  
Metal Hold-Down Clip  
Section 3, p.8-11

**16-782C1**  
Section 3, p.14-16



**16-782C**  
Section 3, p.14-16

