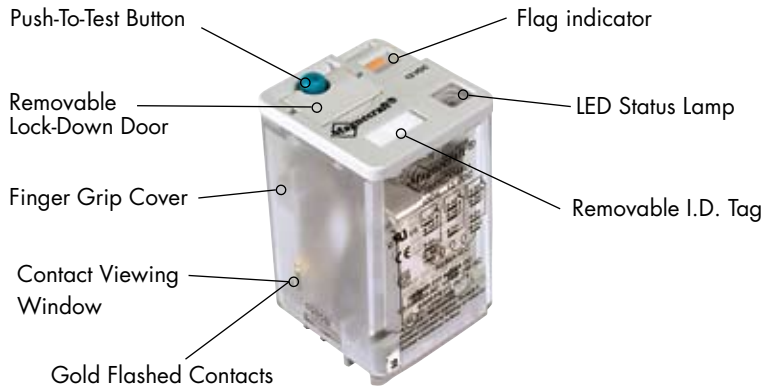


788 Power Relays/3PDT, 16 Amp Rating (DC & AC)



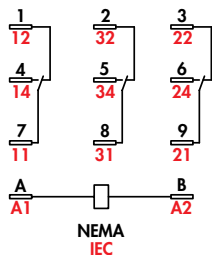
General Specifications

(UL 508)

788XCX

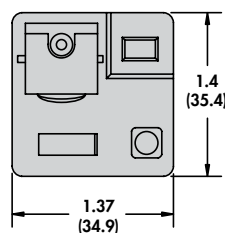
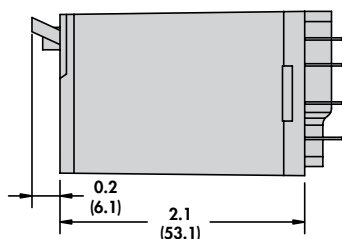
Contact Characteristics		Units	Standard
Number and type of Contacts			3PDT
Contact materials			Silver Alloy
Thermal (Carrying) Current		A	16
Maximum Switching Voltage		V	300
Switching Current @ Voltage	~	Resistive	16A @ 277V 50/60Hz
	~	Resistive	16A @ 120V 50/60Hz
	~	Resistive	16A @ 28V
	~	HP	1/3 @ 120VAC
	~	HP	1/2 @ 240 VAC
	~	Pilot Duty	B300
Minimum Switching Requirement		mA	100 @ 5VDC (.5W)
Coil Characteristics			
Voltage Range	~	V	6...240, 50/60 Hz
	~	V	6...125
Operating Range	% of Nominal	~	85% to 110%
		~	80% to 110%
Average consumption	~	VA	3
	~	W	1.4
Drop-out voltage threshold	~		10%
	~		10%
Performance Characteristics			
Electrical Life (UL508)	Operations @ Rated Current	(Resistive)	100,000
Mechanical Life	Unpowered		5,000,000
Operating time (response time)		ms	20
Dielectric strength	Between coil and contact	~	Vrms 1500
	Between poles	~	Vrms 1500
	Between contacts	~	Vrms 1500
Environment			
Product certifications	Standard version		UL, CSA, CE
Ambient air temperature around the device	Storage	°C	-40...+85
	Operation	°C	-40...+55
Vibration resistance	Operational	g-n	3, 10 - 55 Hz
Shock resistance		g-n	10
Degree of protection			IP 40
Weight		grams	88

788XCX

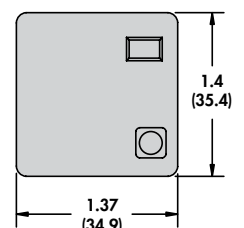
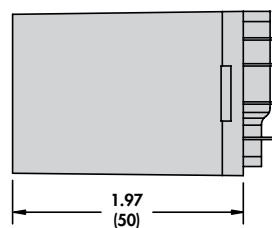


Wiring Diagram
Bottom View

Full Featured Dimensions



Plain Cover Dimensions





Full Featured



Plain Cover

Standard Part Numbers

BOLD-FACED PART NUMBERS ARE NORMALLY STOCKED

Nominal Voltage	Coil Resistance	3PDT Part Number (Full Feature) 16 Amp	3PDT Part Number (Plain Cover) 16 Amp
AC Operated			
6 VAC 50/60 Hz	4.2 Ohms	788XCM4L-6A	788XCXC-6A
12 VAC 50/60 Hz	18 Ohms	788XCM4L-12A	788XCXC-12A
24 VAC 50/60 Hz	72 Ohms	788XCM4L-24A	788XCXC-24A
120 VAC 50/60 Hz	1700 Ohms	788XCM4L-120A	788XCXC-120A
220-240 VAC 50/60 Hz	7200 Ohms	788XCM4L-220/240A	788XCXC-220/240A
DC Operated			
6 VDC	32 Ohms	788XCM4L-6D	788XCXC-6D
12 VDC	120 Ohms	788XCM4L-12D	788XCXC-12D
24 VDC	470 Ohms	788XCM4L-24D	788XCXC-24D
48 VDC	1800 Ohms	788XCM4L-48D	788XCXC-48D
110-125 VDC	10000 Ohms	788XCM4L-110/125D	788XCXC-110/125D

Custom Relay Part Number Builder

Series	Contact Config.	Contact Code	Cover Options	Terminal Style	Feature Options	Coil Voltage
788	XCX		C	T	ML-	240A
788	XCX = 3PDT	16 Amp Silver Alloy = No Code	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

For other mating sockets, see Section 2: 70-463-1, 70-124-1, 70-124-2, 70-178-1, 70-178-2

