

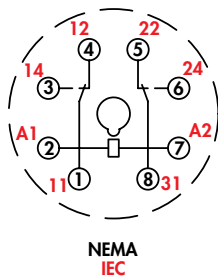
**General Specifications**

(UL 508)

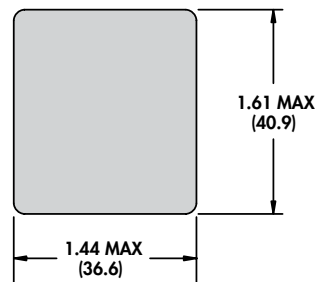
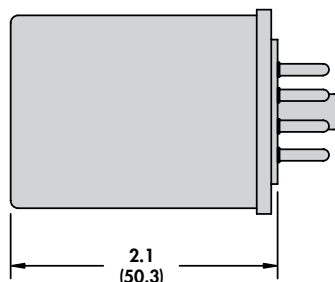
**750XBXH**

Contact Characteristics		Units	Standard
Number and type of Contacts			DPDT
Contact materials			Silver Alloy
Thermal (Carrying) Current		A	12
Maximum Switching Voltage		V	300
Switching Current @ Voltage	~	General Purpose	12A @ 240V 50/60Hz
	~	General Purpose	12A @ 120V 50/60Hz
	~	Resistive	12A @ 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
	~	V	6...125
Operating Range	% of Nominal		85% to 110%
			80% to 110%
Average consumption		VA	1.2
		W	0.9
Drop-out voltage threshold			15%
			10%
Performance Characteristics			
Electrical Life (UL508)	Operations @ Rated Current		100,000
Mechanical Life	Unpowered		10,000,000
Operating time (response time)		ms	20
Dielectric strength	Between coil and contact	~	Vrms
	Between poles	~	Vrms
	Between contacts	~	Vrms
			1500
			1500
			1500
Environment			
Product certifications	Standard version		UL
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 67
Weight		grams	130

**750XBX**



**Wiring Diagram  
Bottom View**





750H 8-pin

**Standard Part Numbers**

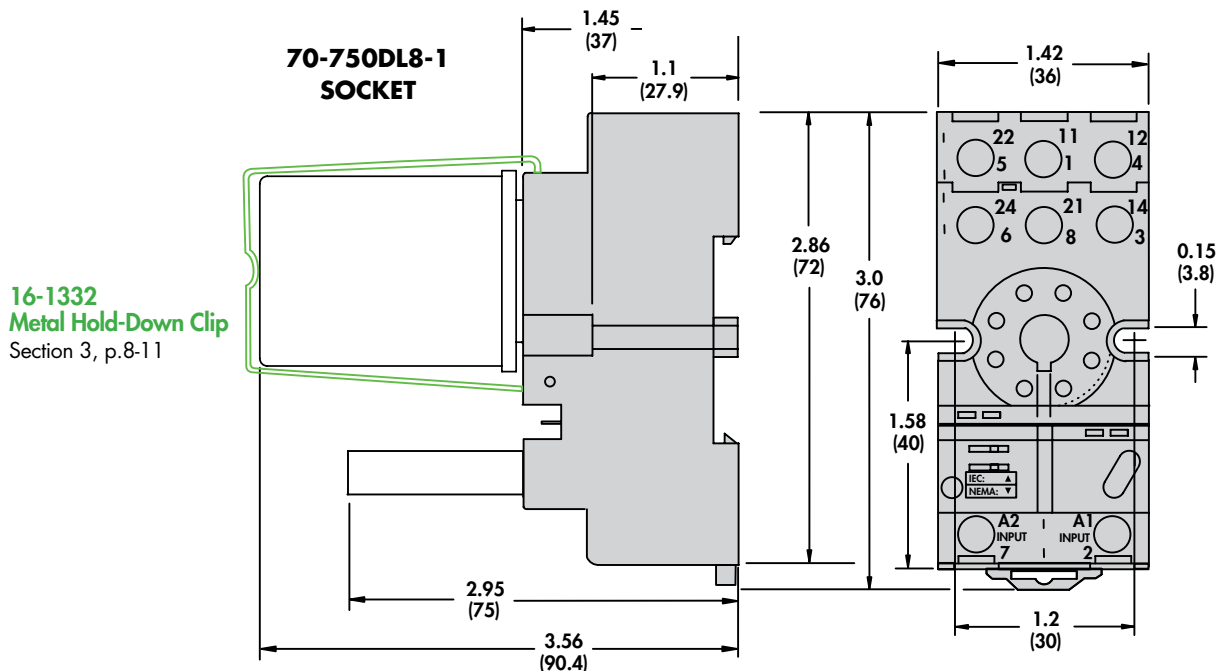
**BOLD-FACED PART NUMBERS ARE NORMALLY STOCKED**

Nominal Voltage	Coil Resistance	DPDT Part Number 12 Amp
AC Operated		
6 VAC 50/60 Hz	4.2 Ohms	750XBXH-6A
12 VAC 50/60 Hz	18 Ohms	<b>750XBXH-12A</b>
24 VAC 50/60 Hz	72 Ohms	<b>750XBXH-24A</b>
120 VAC 50/60 Hz	1700 Ohms	<b>750XBXH-120A</b>
220-240 VAC 50/60 Hz	7200 Ohms	750XBXH-220/240A
DC Operated		
6 VDC	32 Ohms	750XBXH-6D
12 VDC	120 Ohms	<b>750XBXH-12D</b>
24 VDC	470 Ohms	<b>750XBXH-24D</b>
48 VDC	1800 Ohms	<b>750XBXH-48D</b>
110-125 VDC	10000 Ohms	<b>750XBXH-110/125D</b>

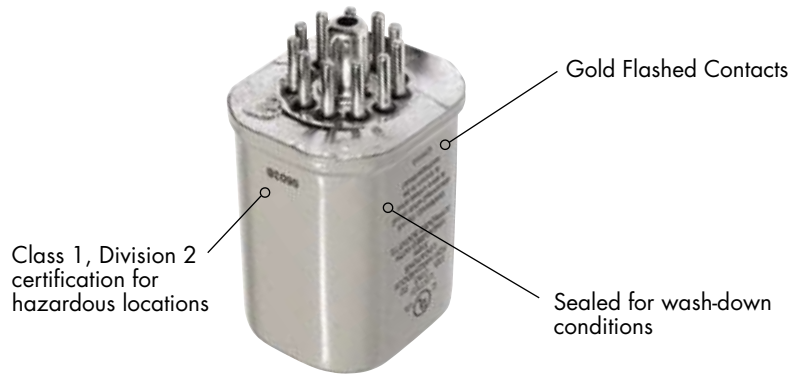
**Custom Relay Part Number Builder**

Series	Contact Configuration	Hermetic	Contact Code	Coil Voltage
750	XBX	H		240A
750	XBX = DPDT		12 Amp Silver Alloy = No Code	VAC = 6 - 240A VDC = 6 - 125D

**For other mating sockets, see Section 2: 70-750E8-1, 70-464-1, 70-169-1**



# 750H Hermetic Octal Relays, 11-Pin/3PDT, 12 Amp Rating (DC & AC)

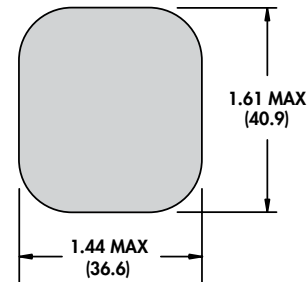
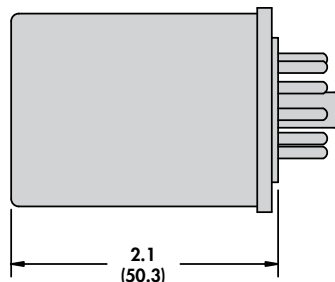
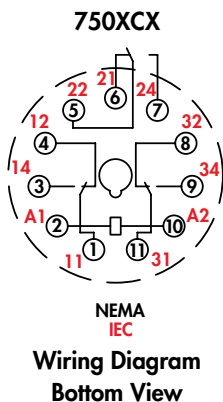


## General Specifications

(UL 508)

750XCXH

Contact Characteristics		Units	Standard
Number and type of Contacts			3PDT
Contact materials			Silver Alloy
Thermal (Carrying) Current		A	12
Maximum Switching Voltage		V	300
Switching Current @ Voltage	~	General Purpose	12A @ 240V 50/60Hz
	~	General Purpose	12A @ 120V 50/60Hz
	∴	Resistive	12A @ 28V
		HP	1/3 @ 120VAC
		HP	1/2 @ 240 VAC
Minimum Switching Requirement		Pilot Duty	B300
		mA	100 @ 5VDC (.5W)
Coil Characteristics			
Voltage Range	~	V	6...240
	∴	V	6...125
Operating Range	~	% of Nominal	85% to 110%
	∴		80% to 110%
Average consumption	~	VA	2
	∴	W	1.2
Drop-out voltage threshold	~		15%
	∴		10%
Performance Characteristics			
Electrical Life (UL508)	Operations @ Rated Current		100,000
Mechanical Life	Unpowered		10,000,000
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
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 67
Weight		grams	130





750H 11-pin

**Standard Part Numbers**

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

Nominal Voltage	Coil Resistance	3PDT Part Number 12 Amp
AC Operated		
6 VAC 50/60 Hz	4.2 Ohms	750XCXH-6A
12 VAC 50/60 Hz	18 Ohms	750XCXH-12A
24 VAC 50/60 Hz	72 Ohms	<b>750XCXH-24A</b>
120 VAC 50/60 Hz	1700 Ohms	<b>750XCXH-120A</b>
220-240 VAC 50/60 Hz	7200 Ohms	750XCXH-220/240A
DC Operated		
6 VDC	32 Ohms	750XCXH-6D
12 VDC	120 Ohms	<b>750XCXH-12D</b>
24 VDC	470 Ohms	<b>750XCXH-24D</b>
48 VDC	1800 Ohms	<b>750XCXH-48D</b>
110-125 VDC	10000 Ohms	<b>750XCXH-110/125D</b>

**Custom Relay Part Number Builder**

750	XCX	H	240A
<b>Series</b>	<b>Contact Configuration</b>	<b>Hermetic</b>	<b>Contact Code</b>
750	XCX = 3PDT		12 Amp Silver Alloy = No Code
			VAC = 6 - 240A VDC = 6 - 125D

For other mating sockets, see Section 2: 70-750E11-1, 70-465-1, 70-170-1

