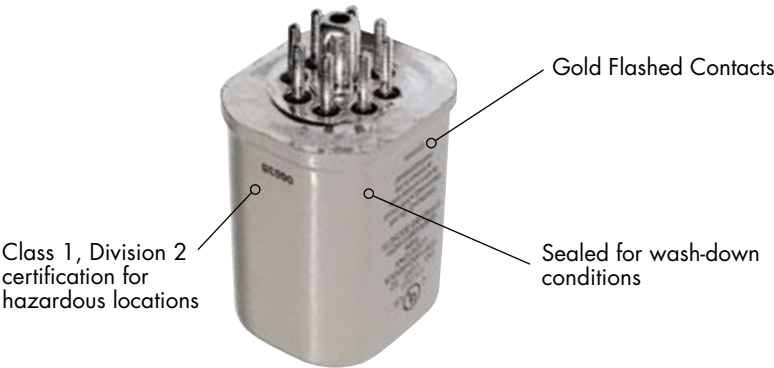
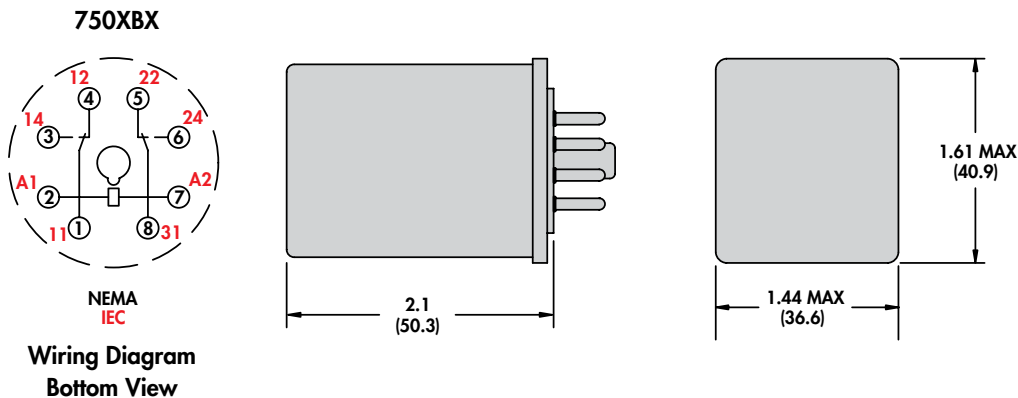


750H Hermetic Octal Relays, 8-Pin/DPDT, 12 Amp Rating (DC & AC)



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	1500
		Between poles	~ Vrms	1500
		Between contacts	~ Vrms	1500
Environment				
Product certifications		Standard version		UL
Ambient air temperature		Storage	°C	-40...+85
around the device		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 8-pin

Standard Part Numbers

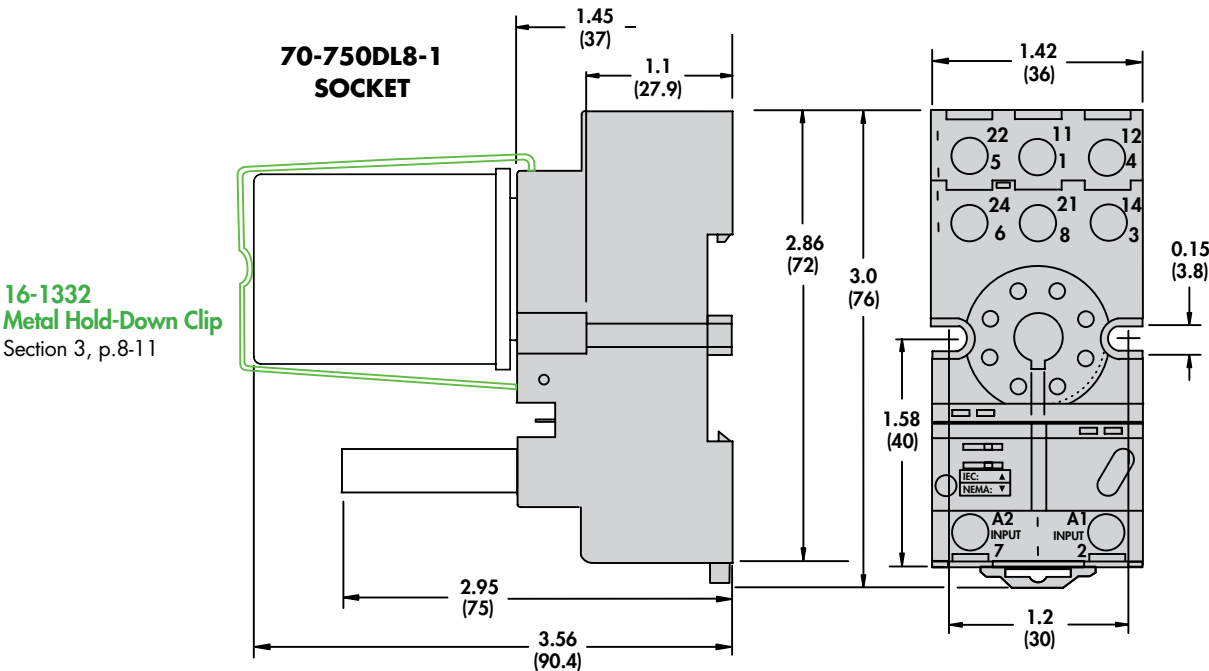
BOLD-FACED PART NUMBERS ARE NORMALLY STOCKED

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	750XBXH-12A
24 VAC 50/60 Hz	72 Ohms	750XBXH-24A
120 VAC 50/60 Hz	1700 Ohms	750XBXH-120A
220-240 VAC 50/60 Hz	7200 Ohms	750XBXH-220/240A
DC Operated		
6 VDC	32 Ohms	750XBXH-6D
12 VDC	120 Ohms	750XBXH-12D
24 VDC	470 Ohms	750XBXH-24D
48 VDC	1800 Ohms	750XBXH-48D
110-125 VDC	10000 Ohms	750XBXH-110/125D

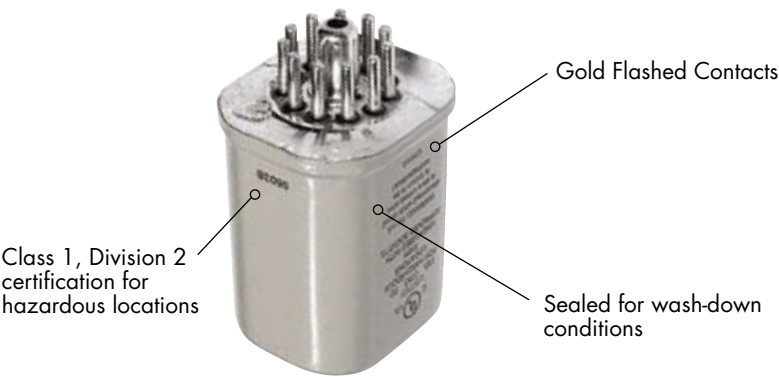
Custom Relay Part Number Builder

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

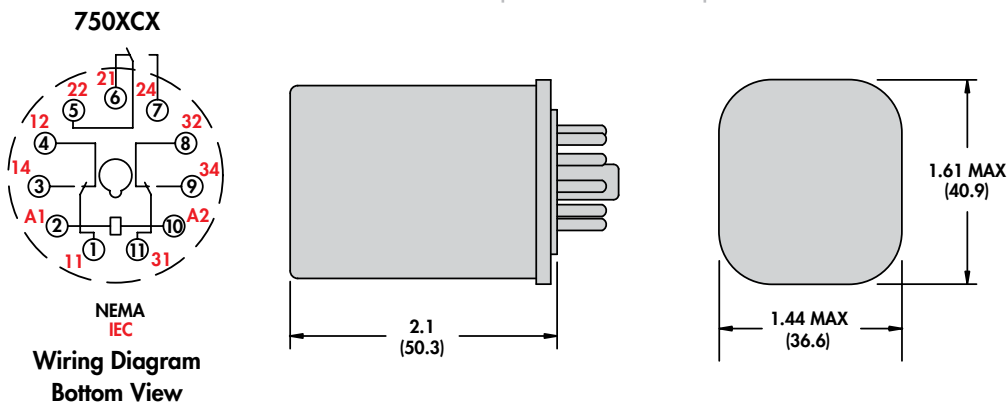
For other mating sockets, see Section 2: 70-750E8-1, 70-464-1, 70-169-1



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



General Specifications		(UL 508)	750CXH	
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
Operating Range		⋮	V	6...125
		~		85% to 110%
		⋮		80% to 110%
Average consumption		~	VA	2
Drop-out voltage threshold		⋮	W	1.2
		~		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
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

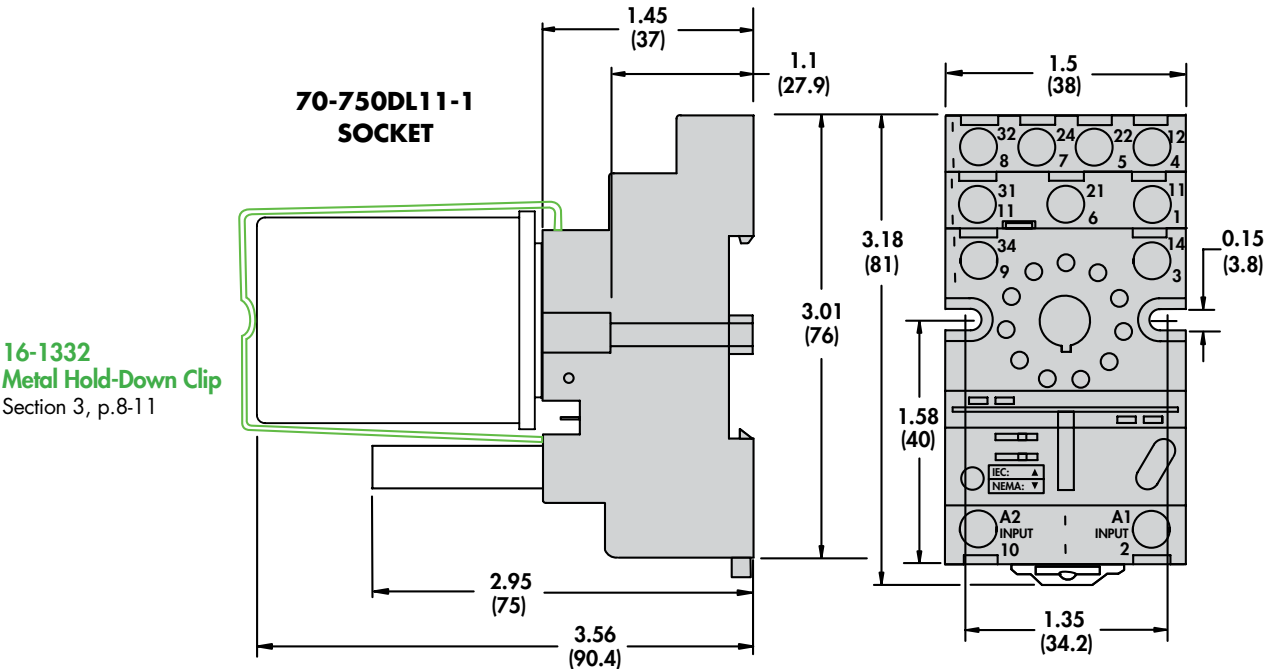
BOLD-FACED PART NUMBERS ARE NORMALLY STOCKED

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	750XCXH-24A
120 VAC 50/60 Hz	1700 Ohms	750XCXH-120A
220-240 VAC 50/60 Hz	7200 Ohms	750XCXH-220/240A
DC Operated		
6 VDC	32 Ohms	750XCXH-6D
12 VDC	120 Ohms	750XCXH-12D
24 VDC	470 Ohms	750XCXH-24D
48 VDC	1800 Ohms	750XCXH-48D
110-125 VDC	10000 Ohms	750XCXH-110/125D

Custom Relay Part Number Builder

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

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



Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Schneider Electric:

[750XCXH-120A](#) [750VBXH12D](#) [750VBXH24D](#) [750XCXH-110D](#) [750XCXH-24D](#) [750VBXH120A](#) [750VBXH-24A](#)
[750XCXH-24A](#) [750VBXH-110/125D](#) [750XCXH-110/125D](#) [750VBXM4L-110D](#) [750XCXM4L-110D](#) [750VBXH-240A](#)
[750VBXH-12D](#) [750VBXH-120A](#) [750VBXH-24D](#)