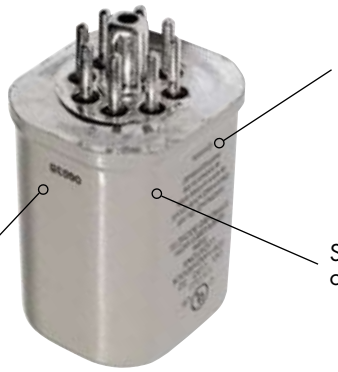
750H Hermetic Octal Relays, 8-Pin/DPDT, 12 Amp Rating (DC & AC)

UL Listed When Used
With Schneider Electric/Legacy Electric Sockets.

UL Recognized
File No. E209950

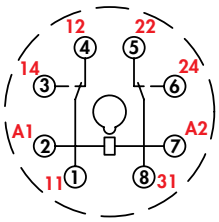
RoHS compliant



General Specifications (UL 508)

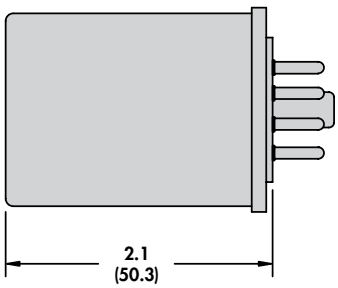
				750XBXH
Contact Characteristics			**Units**	**Standard**
Number and type of Contacts				DPDT
Contact materials				Silver Alloy
Thermal (Carrying) Current			A	12
Maximum Switching Voltage			V	300
Switching Current @ Voltage		~	General Purpose	12A @ 240V 50/60Hz
		~	General Purpose	12A @ 120V 50/60Hz
		⎓	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

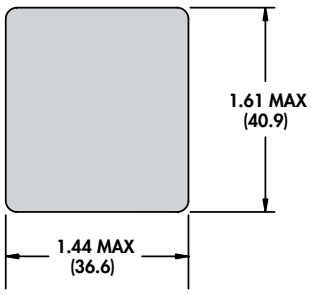
750XBX



NEMA
IEC

Wiring Diagram
Bottom View





750H 8-pin

Standard Part Numbers

BOLD-FACED PART NUMBERS ARE NORMALLY STOCKED

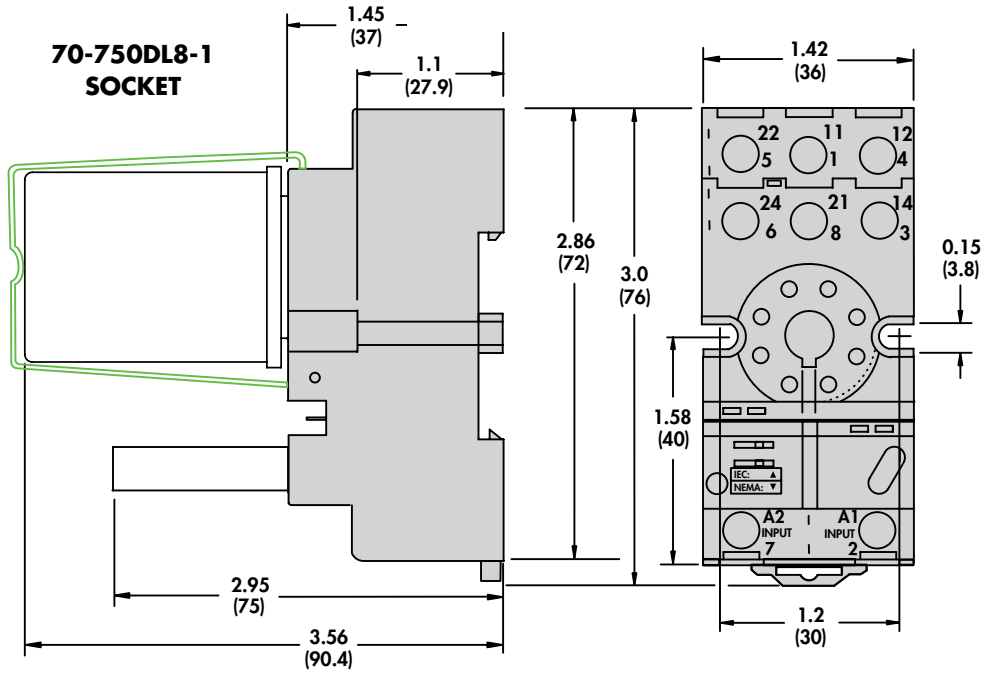
Nominal Voltage	Coil Resistance	DPDT Part Number 12 Amp
AC Operated		
6 VAC 50/60 Hz	4.2 Ohms	750XBXH-6A
12 VAC 50/60 Hz	18 Ohms	**750XBXH-12A**
24 VAC 50/60 Hz	72 Ohms	**750XBXH-24A**
120 VAC 50/60 Hz	1700 Ohms	**750XBXH-120A**
220-240 VAC 50/60 Hz	7200 Ohms	750XBXH-220/240A
DC Operated		
6 VDC	32 Ohms	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

70-750DL8-1
SOCKET



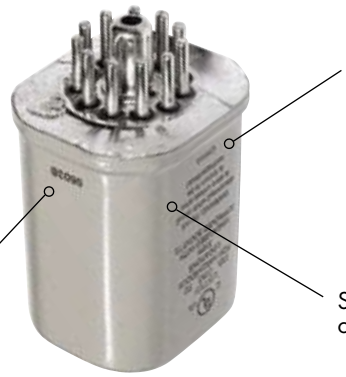
16-1332
Metal Hold-Down Clip
Section 3, p.8-11

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

UL Listed When Used
With Schneider Electric/Legacy Electric Sockets.

UL Recognized
File No. E209950

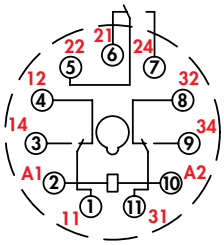
RoHS compliant



General Specifications (UL 508)

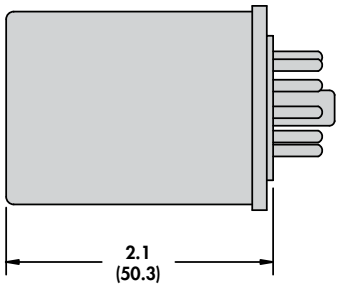
				750XCXH
Contact Characteristics			**Units**	**Standard**
Number and type of Contacts				3PDT
Contact materials				Silver Alloy
Thermal (Carrying) Current			A	12
Maximum Switching Voltage			V	300
Switching Current @ Voltage		~	General Purpose	12A @ 240V 50/60Hz
		~	General Purpose	12A @ 120V 50/60Hz
		⎓	Resistive	12A @ 28V
			HP	1/3 @ 120VAC
			HP	1/2 @ 240 VAC
			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	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	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

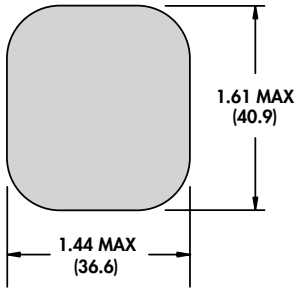
750XCX



NEMA
IEC

Wiring Diagram
Bottom View





750H 11-pin

Standard Part Numbers

BOLD-FACED PART NUMBERS ARE NORMALLY STOCKED

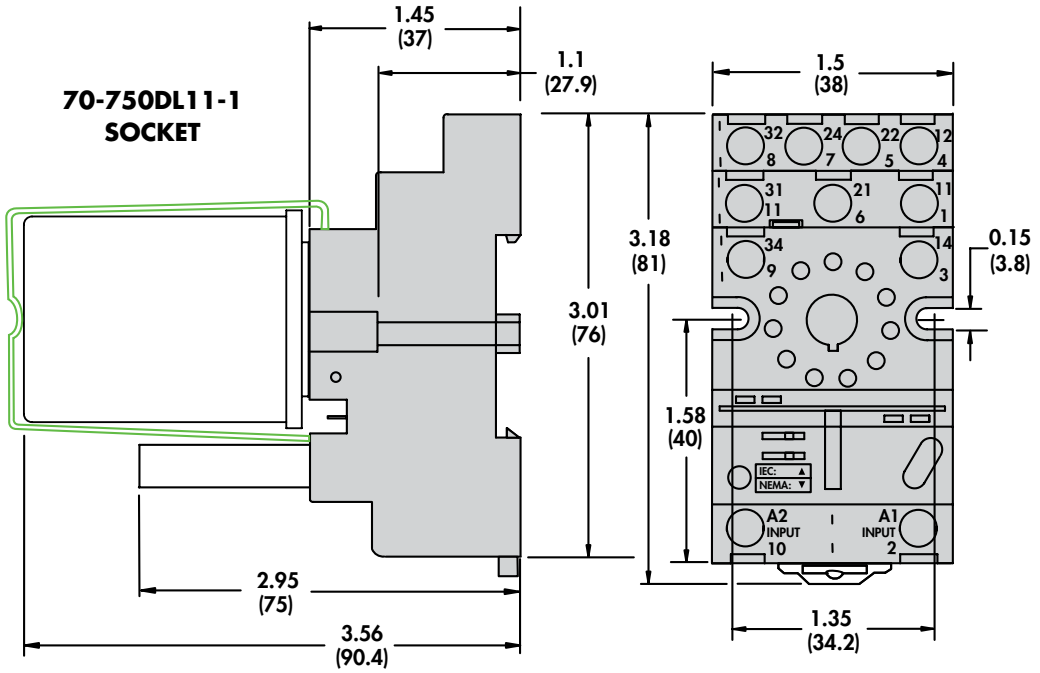
Nominal Voltage	Coil Resistance	3PDT Part Number 12 Amp
AC Operated		
6 VAC 50/60 Hz	4.2 Ohms	750XCXH-6A
12 VAC 50/60 Hz	18 Ohms	750XCXH-12A
24 VAC 50/60 Hz	72 Ohms	**750XCXH-24A**
120 VAC 50/60 Hz	1700 Ohms	**750XCXH-120A**
220-240 VAC 50/60 Hz	7200 Ohms	750XCXH-220/240A
DC Operated		
6 VDC	32 Ohms	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**	**Coil Voltage**
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

70-750DL11-1 SOCKET



16-1332
Metal Hold-Down Clip
Section 3, p.8-11