

Schneider Electric/Legacy Electric General Purpose Relays

750 Series

DPDT and 3DPT, 12 A



750 Clear Cover



750 Full-Feature Cover

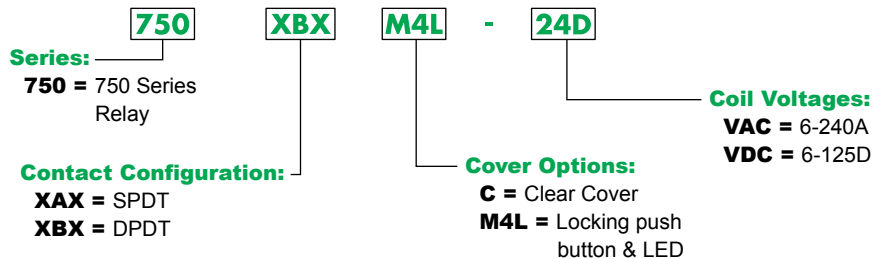
Description

The 750 series octal base, plug-in relays offer clear or full-feature covers with multiple mounting options and accessories.

Feature	Benefit
Octal style mounting	Robust & historically-proven mounting platform that provides excellent structural support
12 A max. switching current	Ideal for automation panels & controls
Clear or full-feature cover options	Full-feature covers include LED indicator & locking test button
DPDT & 3PDT contact configurations	Simultaneously control separate circuits
Socket mount option	Simplifies installation & maintenance while also allowing the use of protection modules, hold-down clips & other accessories
Gold-flashed contacts	Reduces contact oxidation & increases shelf life
Mechanical flag indicator	Standard feature displays relay status during testing or operation

Contact Configuration	Contact Rating	Nominal Voltage	Coil Resistance (Ω)	Standard Part Number: Clear Cover	Standard Part Number: Full-Feature
DPDT	12 A	24 Vac 50/60 Hz	72	750XBXC-24A	750XBXM4L-24A
		120 Vac 50/60 Hz	1700	750XBXC-120A	750XBXM4L-120A
		220/240 Vac 50/60 Hz	7200	750XBXC-220/240A	750XBXM4L-220/240A
		12 Vdc	120	750XBXC-12D	750XBXM4L-12D
		24 Vdc	470	750XBXC-24D	750XBXM4L-24D
		110/125 Vdc	10000	750XBXC-110D	750XBXM4L-110D
3PDT	12 A	24 Vac 50/60 Hz	72	750XCXC-24A	750XCXM4L-24A
		120 Vac 50/60 Hz	1700	750XCXC-120A	750XCXM4L-120A
		12 Vdc	120	750XCXC-12D	750XCXM4L-12D
		24 Vdc	470	750XCXC-24D	750XCXM4L-24D
		110/125 Vdc	10000	750XCXC-110D	750XCXM4L-110D

Part Number Explanation



*Please note that LED-only versions are also available.
Please contact Customer Service for more information (847-441-2540).

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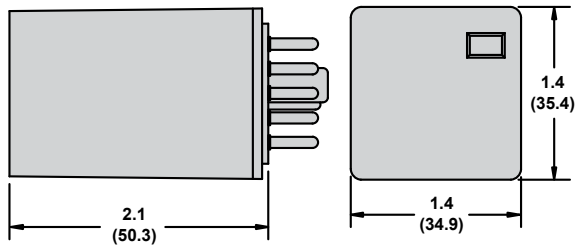
Specifications (UL 508)

Part Number	750XBX	750XCX
Contact Characteristics		
Terminal Style	Octal	Octal
Contact Configuration	DPDT	3PDT
Maximum Current	12 A	12 A
Contact Materials	Silver Alloy	Silver Alloy
Maximum Switching Voltage	300 V	300 V
Rated Switching Current at Voltage	Resistive: 12 A at 120 Vac 50/60 Hz; 16 A at 277 Vac 50/60 Hz; 16 A at 28 Vdc Motor: 1/2 at 240 Vac; 1/3 at 120 Vac Pilot Duty: B300	Resistive: 12 A at 120 Vac 50/60 Hz; 16 A at 277 Vac 50/60 Hz; 16 A at 28 Vdc Motor: 1/2 at 240 Vac; 1/3 at 120 Vac Pilot Duty: B300
Minimum Switching Requirement	100 mA at 5 Vdc (0.5 W)	100 mA at 5 Vdc (0.5 W)
Coil Characteristics		
Maximum Operating Voltage	110% (AC / DC)	110% (AC / DC)
Maximum Pickup Voltage	85% (AC); 80% (DC)	85% (AC); 80% (DC)
Drop-out Voltage Threshold	15% (AC); 10% (DC)	15% (AC); 10% (DC)
Average Consumption	3 VA (AC); 1.4 W (DC)	3 VA (AC); 1.4 W (DC)
General Characteristics		
Electrical Life at Rated Load	100,000 operations	100,000 operations
Mechanical Life	5,000,000 operations	5,000,000 operations
Operating Time (Response Time)	20 ms	20 ms
Dielectric Strength - Between Coil and Contact (AC)	2500 V(rms)	2500 V(rms)
Dielectric Strength - Between Poles (AC)	2500 V(rms)	2500 V(rms)
Ambient Air Temperature around the Device - Storage	-40 – +85 °C (-40 – +221°F)	-40 – +85 °C (-40 – +185 °F)
Ambient Air Temperature around the Device - Operation	-40 – +55 °C (-40 – +143°F)	-40 – +55 °C (-40 – +131 °F)
Vibration Resistance - Operational	3 g-n at 10-55 Hz	3 g-n at 10-55 Hz
Shock Resistance	10 g-n	10 g-n
Degree of Protection	IP 40	IP 40
Weight	89 g (3.14 oz)	89 g (3.14 oz)
Agency Approvals	UL with socket, UR (E43641), CE, CSA (LR40787), RoHS	UL with socket, UR (E43641), CE, CSA (LR40787), RoHS

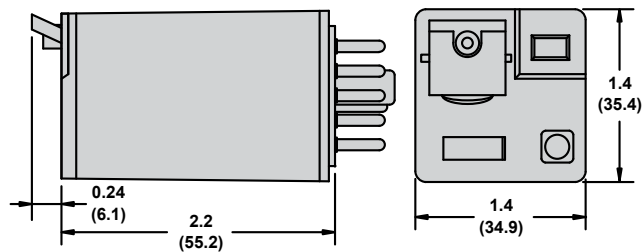
Note: Actual product performance may vary depending on application and environmental conditions.

Dimensions — inches (millimeters)

Clear Cover Dimensions



Full-Feature Cover Dimensions



Wiring Diagrams

