

Class 388ML, 10A Magnetic Latching Relays

C US
UL RECOGNIZED
FILE NO. E43641

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1.90L X 1.53W X 1.40H

Class 388ML relays operate on a minimum 30 millisecond pulsed voltage applied to the coil to operate or reset contacts. Continuous coil power is not required. Relays are rated 10 amps 120/240 VAC, 1/3 Hp @ 120 VAC; 1/2 Hp @ 240 VAC. **Contact Material:** Silver alloy, Gold flashed. **Temperature range:** 45°C to +70°C. **Mechanical life:** 10M operations. **Electrical life at rated load:** 100K operations. Mates with socket 70-463-1.

Mfr.'s Type	Coil		Contact Rating	Contacts Configuration	Each 1-24
	Voltage	Ohms			
AC Operated, Single Coil Latching					
W388AMLCPX-9	120 VAC	10,000 Ω	10	DPDT	20.59
DC Operated, Single Coil Latching					
W388MLCPX-6	12 VDC	120 Ω	10	DPDT	20.59
W388MLCPX-7	24 VDC	470 Ω	10	DPDT	20.59
DC Operated, Dual Coil Latching					
W388ML2CPX-6	12 VDC	88/88 Ω	10	DPDT	20.59
W388ML2CPX-7	24 VDC	350/350 Ω	10	DPDT	20.59

Class 250 ML, Magnetic Latching Relay

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2.89L X 1.37W X 1.37H

Magnetic latching relay has an 11 pin octal base. It operates by pulsed voltage input and maintains last position. Fits sockets 70-465-1 or 70-750D11-1

Mfr.'s Type	Coil		Contacts Configuration	Each 1-24
	Voltage	Ohms		
DC Operated, 10 AMP, Dual Coil				
W250ML2CPX-6	12 VDC	88/88 Ω	DPDT	18.09
W250ML2CPX-7	24 VDC	350/350 Ω	DPDT	18.09
AC Operated, 10 AMP, Single Coil				
W250AML2CPX-8	24 VAC	740 Ω	DPDT	17.66
W250AML2CPX-9	120 VAC	10,000 Ω	DPDT	17.66

8 & 11 Pin Sockets for all Standard Octal Relays

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FITS 35MM DIN RAIL OR PANEL MOUNT



FIG. A
70-464-1, 8 PIN ALSO UL
RATED 10A-600V
2.16L X 1.29W X .970H

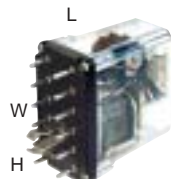
FIG. B
70-465-1, 11 PIN ALSO UL
RATED 5A-600V
2.16L X 2.33W X .970H

DIN or Panel Mountable. 8 or 11 Pin Octal Plug-in. rated @ 15 Amps 300 VAC, Material Thermoplastic

Mfr.'s Type	Fig.	Description	Each 1-24
70-464-1	A	8 Pin Octal, Screw Terminals	2.75
70-465-1	B	11 Pin Octal, Screw Terminals	4.00

Class A311 12 PIN Sequencing Relays

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FILE NO. E7104



3.406L X 2.625W X 1.468H

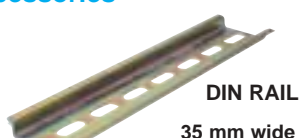
The series 311 contains an 8-tooth ratchet that operates 2 contact cams. Gold diffused silver alloy contacts change position with each pulse, and holds that position until the next pulse. The A311XBP- contacts transfer when coil is energized & the A311XBPR- contacts transfer when coil is de-energized. Contacts are rated at 5 Amps, use with mating socket 27390D.

Mfr.'s Type	Coil		Contact Rating	Contacts Configuration	Each 1-24
	Voltage	Ohms			
A311XBP-120A	120 VAC	540Ω	5A	DPDT	205.73
A311XBPR-120A	120 VAC	540Ω	5A	DPDT	205.73

Socket Accessories



1.67L X 0.365W X 0.85H



Mfr.'s Type	Description	Each 1-24
16-DCLIP-1	End clip, plastic, with locking screw	.58
16-700DIN	DIN Rail extruded aluminum, 39.37" (1000m) long	5.00

Class 219 12 & 14 PIN Sockets

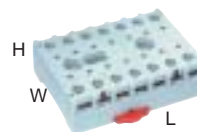
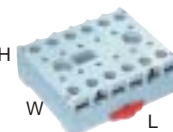
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FIG. A

Fits 35 mm DIN Rail

FIG. B



Industrial sockets have front connected wiring on one level with finger safe screw terminals. Sockets are polarized, and can be either DIN Rail or panel mounted. 2.65L X 2.18W X 0.78H 3.10L X 2.18W X 0.78H Mating relays have locking clip that snaps into socket. Sockets are rated at 10 Amps, 600V. Mates with relays 219, 236, 237, A311, B255.

Mfr.'s Type	Fig.	Description	Each 1-24
27390D	A	12-PIN DIN/Panel Socket	17.26
33377D	B	14-PIN DIN/Panel Socket	20.20

Class 219 General Purpose Relays

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FILE NO. E13224

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The series 219 general purpose industrial Plug-in relays feature 12 pin or 14 pin bases with locking clip. **Contacts:** Gold diffused silver alloy rated at 10 amps. Maximum total current 30 Amps for all poles. The coil is encapsulated for protection. Use with 27390D or 33377D. Schematics printed on relays for all contact configurations. Suffix M indicates test button (actuator).

3.406L X 3.062W X 1.468H

Mfr.'s Type	Coil		Contacts Configuration	Each 1-24
	Voltage	Ohms		
12 PIN Plug-In Relays				
219XBP-24/28D	24 VDC	250 Ω	DPDT	101.48
219XBP-115/125D	125 VDC	6200 Ω	DPDT	101.48
219XBP-120A	120 VAC	540 Ω	DPDT	101.48
219BBXP-24/28D	24 VDC	250 Ω	DPDT+2NO	121.28
219BBXP-115/125D	125 VDC	6200 Ω	DPDT+2NO	121.28
219BBXP-120A	120 VAC	540 Ω	DPDT+2NO	121.28
219ABAP-24/28D	24 VDC	250 Ω	DPDT+1NO & 1NC	121.28
219ABAP-115/125D	125 VDC	6200 Ω	DPDT+1NO & 1NC	121.28
219ABAP-120A	120 VAC	540 Ω	DPDT+1NO & 1NC	121.28

Mfr.'s Type	Coil	Contacts Configuration	Each 1-24
219BBXPL-120A	120 VAC	540 Ω	DPST+2NO
219ABAPL-120A	120 VAC	540 Ω	DPDT+1NO & 1NC

Mfr.'s Type	Coil	Contacts Configuration	Each 1-24
219BBXPLM-120A	120 VAC	540 Ω	DPST+2NO

Mfr.'s Type	Coil	Contacts Configuration	Each 1-24
14 PIN Plug-In Relays			
219DXBP-24/28D	24 VDC	250 Ω	4PDT
219FXXP-24/28D	24 VDC	250 Ω	6P-NO
219DXBP-24/28D	24 VDC	250 Ω	4P-NO+2P-NC
219DXBP-115/125D	125 VDC	6200 Ω	4P-NO+2P-NC
219DXBP-120A	120 VAC	540 Ω	4PDT
219FXXP-120A	120 VAC	540 Ω	6P-NO
219DXBP-120A	120 VAC	540 Ω	4P-NO+2P-NC

Mfr.'s Type	Coil	Contacts Configuration	Each 1-24
219DXBPLM-120A	120 VAC	540 Ω	4P-NO+2P-NC

Class B255 12 PIN Latching Relays

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3.75L X 2.625W X 1.468H

2-Coil latching relay. When coil is momentarily energized, the relay mechanically latches in the energized position and remains in the energized position with coil power removed. The second coil when momentarily energized, resets the contacts. **Contacts:** Gold diffused silver alloy, rated at 10 amps, 120 VAC (0.5 amp, 115/125 VDC). Use with mating socket 27390D.

Mfr.'s Type	Coil		Contacts Configuration	Each 1-24
	Voltage	Ohms		
B255XBP-120A	120 VAC	1450	2P-NO + 2P-NC	189.23
B255XBP-125D	125 VDC	8000	2P-NO + 2P-NC	189.23
B255XBP-120A	120 VAC	1450	DPDT	175.93
B255XCP-120A	120 VAC	1450	3PDT	187.61
B255XCP-125D	125 VDC	8000	3PDT	187.61
B255XBP-48D	48 VDC	1500	2P-NO + 2P-NC	189.23

Mfr.'s Type	Coil	Contacts Configuration	Each 1-24
219DXBPLM-125D	125 VDC	8000	2P-NO + 2P-NC