

# MAGNECRAFT General Purpose Relays



## CLASS 782H HERMETICALLY SEALED RELAYS

RoHS Compliant This product is RoHS compliant.

### Specifications:

- UL Class 1 Div. 2 for use in hazardous locations.
- UL Listed when used with DIN mount socket 528-461 and hold down clip 528-1328 listed below
- Coil power: 0.9 watts DC, 1.2VA (60Hz) AC @ 25°C
- Class B insulation
- Dielectric strength: 1240Vrms

### Features:

- Vacuum baked and dry nitrogen filled
- Removes contaminants and provides a clean and dry atmosphere for contacts
- Hermetically sealed metal enclosure

### Applications:

- Ideal for use in hazardous locations



For quantities of 100 and up, call for quote.

MOUSER STOCK NO.	Magnecraft® Part No.	Fig.	Contact		Coil		Price Each					
			Form	Rating	Volts	Ω	1	10	25	50		
<b>Solder/Plug-In</b>												
528-782XH21-12D	782XDXH21-12D	A1	4PDT	5A	12VDC	160		66.80	65.91	62.35	61.45	
528-782XH10-24D	782XDXH10-24D	A1	4PDT	3A	24VDC	650		64.59	61.58	58.82	54.96	
528-782XH21-24D	782XDXH21-24D	A1	4PDT	5A	24VDC	650		66.80	65.91	62.35	61.45	
528-782XH10-120A	782XDXH10-120A	A1	4PDT	3A	120VAC	3900		70.00	66.99	64.21	63.00	
<b>Sockets and Hold Down Clip for Class 782DXH Relays</b>												
528-3781	70-378-1	----	14 Pin Solder terminals, 4 Pole						.88	.81	.78	.74
528-3791	70-379-1	----	14 Pin PC terminals, 4 Pole						1.24	1.15	1.09	1.03
528-461	70-461-1	----	14 Pin DIN/Panel mount with screw terminals						3.63	3.35	3.18	3.00
528-16-1342	16-1342	----	Metal hold down clip for 782 relays						.62	.59	.53	.49

## CLASS 788 SQUARE BASE RELAYS

### Specifications:

- Contact resistance: 50mΩ max. initial resistance @ rated current
- Coil power: 1.2 watts for DC coils, 2VA to 2.75VA for AC @ 25°C
- Class B insulation
- Contact material: silver alloy, gold flashed
- Dielectric strength: 1500Vrms



For quantities of 100 and up, call for quote.

MOUSER STOCK NO.	Magnecraft® Part No.	Supercedes	Fig.	Contact		Coil		Price Each				
				Form	Rating	Volts	Ω	1	10	25	50	
<b>Plain Cover, AC or DC Operated</b>												
528-788XBXC-12D	788XBXC-12D	A283XBXC-12D	B2	DPDT	16 Amp	12VDC	120	11.09	9.24	8.72	8.21	
528-788XCXC-12D	788XCXC-12D	A283XCXC-12D	B3	3PDT	16 Amp	12VDC	120	13.14	11.25	10.35	9.73	
528-788XCXC-24D	788XCXC-24D	A283XCXC-24D	B3	3PDT	16 Amp	24VDC	472	13.14	10.94	10.35	9.73	
528-788XCXC-24A	788XCXC-24A	A283XCXC-24A	B3	3PDT	16 Amp	24VAC	72	13.81	11.49	10.86	10.22	
528-788XCXC-120A	788XCXC-120A	A283XCXC-120A	B3	3PDT	16 Amp	120VAC	1700	13.81	11.49	10.86	10.22	
<b>Flange Mount Cover, AC or DC Operated</b>												
528-788XAXC1-24D	788XAXC1-24D	A283XAXC1-24D	B4	SPDT	16 Amp	24VDC	472	10.76	8.97	8.48	7.98	
528-788BXC1-120A	788BXC1-120A	A283BXC1-120A	B2	DPDT	16 Amp	120VAC	2250	11.69	9.73	9.20	8.66	
528-788XCXC1-24D	788XCXC1-24D	A283XCXC1-24D	B3	3PDT	16 Amp	24VDC	472	29.48	28.14	26.80	24.13	
<b>Sockets and Hold Down Clip for Series 788 Square Base Relays</b>												
528-1241	70-124-1	----	----	11 Pin Solder terminals with mounting tabs					1.30	1.22	1.15	1.10
528-1242	70-124-2	----	----	11 Pin Q.C. terminals with mounting tabs					1.30	1.22	1.15	1.10
528-1781	70-178-1	----	----	11 Pin PC terminals with mounting tabs					1.25	1.17	1.09	1.04
528-1782	70-178-2	----	----	11 Pin PC terminals without mounting tabs					1.25	1.17	1.05	1.00
528-4631	70-463-1	----	----	11 Pin DIN/Panel mount with screw terminals					3.50	3.23	3.06	2.89
528-16-1351	16-1351	----	----	Metal hold down clip					.72	.59	.55	.52

## CLASS 785 SQUARE BASE MAGNETIC LATCHING RELAYS

### Specifications:

- Contact resistance: 50mΩ maximum initial at rated current
- Coil power: 1.9 watts DC, 2.1 VA(60Hz) AC @ 25°C
- Contact material: silver cadmium oxide, gold flashed
- Dielectric strength: 1500 Vrms



For quantities of 100 and up, call for quote.

MOUSER STOCK NO.	Magnecraft® Part No.	Supercedes	Fig.	Contact		Coil		Price Each				
				Form	Rating	Volts	Ω	1	10	25	50	
<b>Single Coil Latching</b>												
528-785XBXC-12D	785XBXC-12D	W388MLCPX-6	B5	DPDT	16A	12VDC	120	15.62	14.94	14.26	12.90	
<b>Dual Coil Latching</b>												
528-785XBXCD-12D	785XBXCD-12D	W388ML2CPX-6	B6	DPDT	16A	12VDC	88/88	14.28	13.66	13.04	11.80	
528-785XBXCD-24D	785XBXCD-24D	W388ML2CPX-7	B6	DPDT	16A	24VDC	350/350	15.68	13.06	12.33	11.62	
<b>Sockets and Hold Down Clips for 785 Relays</b>												
528-1241	70-124-1	----	----	11 Pin Solder terminals with mounting tabs					1.30	1.22	1.15	1.10
528-1242	70-124-2	----	----	11 Pin QC terminals with mounting tabs					1.30	1.22	1.15	1.10
528-1781	70-178-1	----	----	11 Pin PC terminals with mounting tabs					1.25	1.17	1.09	1.04
528-1782	70-178-2	----	----	11 Pin PC terminals without mounting tabs					1.25	1.17	1.05	1.00
528-4631	70-463-1	----	----	11 Pin DIN/Panel mount with screw terminals					3.50	3.23	3.06	2.89

## CLASS 755 OCTAL BASE MAGNETIC LATCHING RELAYS

### Specifications:

- Contact resistance: 50mΩ maximum initial at rated current
- Coil power: 1.64 watts DC, 2.0 VA(60Hz) AC @ 25°C
- Contact material: 0.187 silver cadmium oxide, gold flashed
- Class B insulation
- Dielectric strength: 1500Vrms



For quantities of 100 and up, call for quote.

MOUSER STOCK NO.	Magnecraft® Part No.	Supercedes	Fig.	Contact		Coil		Price Each				
				Form	Rating	Volts	Ω	1	10	25	50	
528-2507-7	755XBXCD-24D	W250ML2CPX-7	C7	DPDT	16A	24VDC	350/350	18.29	15.23	14.39	13.56	
528-2505-8	755XBXC-24A	W250AML2CPX-8	C8	DPDT	16A	24VAC	470	18.66	15.54	14.67	13.82	
528-2505-9	755XBXC-110/120A	W250AML2CPX-9	C8	DPDT	16A	120VAC	10000	18.66	15.54	14.67	13.82	
<b>Sockets for Class 755 Relays</b>												
528-464	70-464-1	----	----	8 Pin Octal DIN/Panel mount with screw terminals					2.07	1.92	1.82	1.72
528-465	70-465-1	----	----	11 Pin Octal DIN/Panel mount with screw terminals					3.02	2.81	2.67	2.52

