

# MAGNECRAFT Power Relays



## CLASS 199 HEAVY DUTY POWER RELAYS

### Specifications:

- Contact resistance: 50mΩ initially
- Coil power: 2.0 watts DC., 10VA (60Hz) AC @ 25°C
- Panel mount, open style construction
- Contact material: Silver cadmium oxide, gold flashed
- Class 816 insulation
- Combination screw terminals
- Dielectric strength: 1500Vrms



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
528-199X-2	W199X-2	A	SPDT	40A	12VDC	70	19.77	19.12	18.15	17.36
528-199X-12	W199X-12	B	DPDT	40A	12VDC	70	26.49	24.89	23.82	22.77
528-199X-13	W199X-13	B	DPDT	40A	24VDC	290	25.65	24.06	22.99	21.92
528-199X-7	W199X-7	C	DPST-NO	40A	12VDC	70	22.54	21.16	19.69	19.30
528-199X-8	W199X-8	C	DPST-NO	40A	24VDC	290	22.54	21.16	19.69	19.30
528-199AX-4	W199AX-4	A	SPDT	40A	120VAC	290	21.02	19.72	18.86	18.01
528-199AX-14	W199AX-14	B	DPDT	40A	120VAC	290	24.77	23.15	22.08	21.00
528-199AX-15	W199AX-15	B	DPDT	40A	240VAC	1200	26.33	24.68	23.59	22.50
528-199AX-8	W199AX-8	C	DPST-NO	40A	24VAC	12	22.45	21.10	20.14	19.21
528-199AX-9	W199AX-9	C	DPST-NO	40A	120VAC	290	22.46	21.11	20.15	19.22

## CLASS 782 GENERAL PURPOSE POWER RELAYS (FULL-FEATURED)

### Specifications:

- Coil power: 0.9 watts DC, 1.2VA (60Hz) AC @ 25°C
- Contact material: 3 amps bifurcated - silver gold plated 3 amps - silver gold flashed
- 10 & 15 amps - silver cadmium oxide, gold flashed
- Class B insulation
- Dielectric strength: 1500Vrms

### Features:

- Lockdown door holds pushbutton and contacts in the operate position
- Flag indicator shows relay status of either manual or powered
- LED status lamp shows coil "on" or "off" status
- Polycarbonate dust cover

### Applications:

- Ideal in low light conditions
- Ideal to test control circuits



RoHS Compliant



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>										
528-782X4-12D	782XBXM4L-12D	D1	DPDT	15A	12VDC	160	8.32	7.69	7.34	6.97
528-782X4-24D	782XBXM4L-24D	D1	DPDT	15A	24VDC	650	8.32	7.69	7.34	6.97
528-782X4-110D	782XBXM4L-110D	D1	DPDT	15A	110VDC	11000	9.52	8.81	8.40	7.99
528-782X24-12D	782XD2M4L-12D	D2	4PDT	10A	12VDC	160	8.32	7.69	7.34	6.97
528-782X24-24D	782XD2M4L-24D	D2	4PDT	10A	24VDC	650	8.32	7.69	7.34	6.97
528-782X24-110D	782XD2M4L-110D	D2	4PDT	10A	110VDC	11000	9.52	8.81	8.40	7.99
528-782X4-24A	782XBXM4L-24A	D1	DPDT	15A	24VAC	180	8.15	7.58	7.23	6.89
528-782X4-120A	782XBXM4L-120A	D1	DPDT	15A	120VAC	4430	8.15	7.58	7.23	6.89
528-782X24-24A	782XD2M4L-24A	D2	4PDT	10A	24VAC	180	8.08	7.50	7.16	6.84
528-782X24-120A	782XD2M4L-120A	D2	4PDT	10A	120VAC	4430	8.09	7.50	7.17	6.80
528-782X24-240A	782XD2M4L-240A	D2	4PDT	10A	240VAC	15700	9.38	8.69	8.29	7.89
<b>Q.C. Solder/Plug-In</b>										
528-782X14-12D	782XD1M4L-12D	D2	4PDT	3A	12VDC	160	8.32	7.69	7.34	6.97
528-782X14-24D	782XD1M4L-24D	D2	4PDT	3A	24VDC	650	8.32	7.69	7.34	6.97
528-782X14-120A	782XD1M4L-120A	D2	4PDT	3A	120VAC	4430	8.15	7.55	7.22	6.85
<b>Solder/Plug-In, Bifurcated</b>										
528-782X34-12D	782XD3M4L-12D	D2	4PDT	3A	12VDC	160	8.25	7.63	7.27	6.92
528-782X34-24D	782XD3M4L-24D	D2	4PDT	3A	24VDC	650	8.25	7.63	7.27	6.92
528-782X34-24A	782XD3M4L-24A	D2	4PDT	3A	24VAC	180	8.70	8.05	7.70	7.39

## Sockets and Hold Down Clip for Class 782 Relays

For quantities of 100 and up, call for quote.

MOUSER STOCK NO.	Magnecraft® Part No.	Fig.	Description	Price Each			
				1	10	25	50
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
528-401	70-401-1	----	8 Pin Solder terminals, 2 Pole	1.42	1.32	1.25	1.19
528-402	70-402-1	----	8 Pin PC terminals, 2 Pole	1.44	1.35	1.27	1.21
528-459	70-459-1	----	8 Pin DIN/Panel mount with screw terminals	5.22	4.85	4.59	4.35
528-461	70-461-1	----	14 Pin DIN/Panel mount with screw	3.63	3.35	3.18	3.00
528-16-1342	16-1342	----	Hold down clip for 782 relays	.62	.59	.53	.49

## CLASS 9A SEALED GENERAL PURPOSE POWER RELAYS

### Specifications:

- Rated at 30A, NC Contacts rated at 15A
- Contact resistance: 75mΩ @ 1A rated current
- Contact material: silver alloy
- Class F insulation
- Dielectric strength: 2500Vrms
- Mechanical Life: 10,000,000
- Flange Mounting
- 1/4" Quick-Connect Terminals for simple connection



### Flange Mount

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
528-9152-5	W9AS1D52-5	E3	SPST-NO	30A	5VDC	25	5.45	5.34	5.20	4.83
528-9152-12	W9AS1D52-12	E3	SPST-NO	30A	12VDC	144	5.10	4.90	4.67	4.43
528-9152-24	W9AS1D52-24	E3	SPST-NO	30A	24VDC	576	5.10	4.90	4.67	4.43
528-9552-5	W9ASSD52-5	E4	SPST-NO	20A	5VDC	25	5.62	5.40	5.15	4.90
528-9552-12	W9ASSD52-12	E4	SPDT	20A	12VDC	144	5.47	5.27	5.02	4.77

**DIMENSIONS: mm**

**A**

**B**

**C**

**D**

**E**

**TERMINAL ARRANGEMENT**

**1**

**2**

**3**

**4**

