

MAGNECRAFT Power Relays



CLASS 92 GENERAL PURPOSE POWER RELAY

Specifications:

- Rated at 30A Switching; NC Contacts rated at 3A
- Contact resistance: 100,000,000 @ initial rated current (switched)
- Contact material: silver alloy
- Class F insulation
- Dielectric strength: 1500Vrms
- Mechanical Life: 5,000,000
- Flange Mounting
- 1/4" Quick-Connect Terminals for simple connection

RoHS Compliant
 E43641

MOUSER STOCK NO.	Magnecraft® Part No.	Fig.	Contact		Coil		Price Each			
			Form	Rating	Volts	Ω	1	10	25	50
Flange Mount										
528-92722-12	W92S7D22D-12D	A1	DPST-NO	30A	12VDC	86	9.74	9.03	8.56	8.09
528-92722-24	W92S7D22D-24D	A1	DPST-NO	30A	24VDC	350	10.56	9.79	9.28	8.77
528-921122-12	W92S11D22D-12D	A1	DPDT	30A	12VDC	86	10.94	10.14	9.60	9.06
528-921122-24	W92S11D22D-24D	A1	DPDT	30A	24VDC	350	10.94	10.14	9.60	9.06
528-92S7A22-24	W92S7A22D-24A	A2	DPST-NO	30A	24VAC	250	11.73	10.88	10.32	9.76
528-92722-120	W92S7A22D-120A	A3	DPST-NO	30A	120VAC	1600	13.96	12.96	12.29	11.62
528-92S11A22-24	W92S11A22D-24A	A4	DPDT	30A	24VAC	250	14.43	13.39	12.69	11.99
528-921122-120	W92S11A22D-120A	A4	DPDT	30A	120VAC	1600	16.42	15.23	14.44	13.64

CLASS 9A SEALED GENERAL PURPOSE FLANGE MOUNT POWER RELAYS

Specifications:

- Rated at 30A; NC Contacts rated at 3A
- 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

RoHS Compliant
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MOUSER STOCK NO.	Magnecraft® Part No.	Fig.	Contact		Coil		Price Each				
			Form	Rating	Volts	Ω	1	10	25	50	
528-9152-5	W9AS1D52-5	B5	SPST-NO	30A	5VDC	25	4.61	4.37	4.22	4.00	
528-9152-12	W9AS1D52-12	B5	SPST-NO	30A	12VDC	144	4.52	4.34	4.13	3.94	
528-9152-24	W9AS1D52-24	B5	SPST-NO	30A	24VDC	576	5.03	4.85	4.61	4.39	
528-9552-5	W9AS5D52-5	B6	SPDT	20A	5VDC	25	5.32	5.22	5.12	4.84	
528-9552-12	W9AS5D52-12	B6	SPDT	20A	12VDC	144	5.47	5.27	5.02	4.77	
Accessory											
528-16-9ADIN1	16-9ADIN-1	C	Optional DIN Adapter					1.07	.86	.78	.76

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

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MOUSER STOCK NO.	Magnecraft® Part No.	Fig.	Contact		Coil		Price Each				
			Form	Rating	Volts	Ω	1	10	25	50	
528-199X-12	199X-12	D	DPDT	40A	12VDC	70	26.49	24.89	23.82	22.77	
528-199AX-8	199AX-8	E	DPST-NO	40A	24VAC	12	24.72	23.00	21.51	20.20	
528-199AX-9	199AX-9	E	DPST-NO	40A	120VAC	290	28.97	27.23	25.99	24.79	
Metal Enclosure											
528-50-1289-1	50-1289-1	F	Designed for use with the 199 style relays. The box uses four, 1/2" knock outs for standard electrical connector. Cover hold down hardware is included.					10.40	9.28	8.81	8.39

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 and 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
 E43641 168986

MOUSER STOCK NO.	Magnecraft® Part No.	Fig.	Contact		Coil		Price Each			
			Form	Rating	Volts	Ω	1	10	25	50
Solder/Plug-In										
528-782X4-12D	782XBXM4L-12D	G7	DPDT	15A	12VDC	160	9.02	8.33	7.96	7.55
528-782X4-24D	782XBXM4L-24D	G7	DPDT	15A	24VDC	650	7.99	7.56	7.22	6.86
528-782X4-110D	782XBXM4L-110D	G7	DPDT	15A	110VDC	11000	9.83	9.10	8.67	8.24
528-782X24-12D	782XD2M4L-12D	G8	4PDT	10A	12VDC	160	7.96	7.72	7.29	6.84
528-782X24-24D	782XD2M4L-24D	G8	4PDT	10A	24VDC	650	8.98	8.44	8.06	7.63
528-782X24-110D	782XD2M4L-110D	G8	4PDT	10A	110VDC	11000	9.52	8.81	8.40	7.99
528-782X4-24A	782XBXM4L-24A	G7	DPDT	15A	24VAC	180	8.15	7.58	7.23	6.89
528-782X4-120A	782XBXM4L-120A	G7	DPDT	15A	120VAC	4430	10.93	9.30	8.66	8.10
528-782X24-24A	782XD2M4L-24A	G8	4PDT	10A	24VAC	180	8.82	8.45	8.07	7.61
528-782X24-120A	782XD2M4L-120A	G8	4PDT	10A	120VAC	4430	9.30	8.78	8.59	7.81
Q.C. Solder/Plug-In										
528-782X14-12D	782XD1M4L-12D	G8	4PDT	3A	12VDC	160	9.91	9.14	8.74	8.29
528-782X14-24D	782XD1M4L-24D	G8	4PDT	3A	24VDC	650	7.91	7.69	7.34	6.97
528-782X14-120A	782XD1M4L-120A	G8	4PDT	3A	120VAC	4430	10.22	9.79	9.30	8.54
Solder/Plug-In, Bifurcated										
528-782X34-12D	782XD3M4L-12D	G8	4PDT	3A	12VDC	160	8.94	8.27	7.88	7.50
528-782X34-24D	782XD3M4L-24D	G8	4PDT	3A	24VDC	650	10.07	9.31	8.88	8.44
528-782X34-24A	782XD3M4L-24A	G8	4PDT	3A	24VAC	180	8.63	8.58	8.18	7.65

HARDWARE FOR CLASS 782 RELAYS

MOUSER STOCK NO.	Magnecraft® Part No.	Fig.	Description	Use with Relay Series	Price Each			
					1	10	25	50
Finger Safe-Sockets with Screw Clamp Terminals								
528-70-782D8-1A	70-782D8-1A	H	8 Pin DIN/Panel Mount	782, with 0.187 Terminal	5.25	5.05	4.81	4.58
528-70-782D14-1	70-782D14-1	B	14 Pin Ice Cube Socket	782, 4 Pole (Plain and Full Featured) 782, Hermetic Only	3.79	3.64	3.48	3.32
Finger Safe-Sockets with Eurostyle (Elevator) Terminals								
528-70-782EL8-1	70-782EL8-1	-	DIN Rail Socket	782, 2 Pole (All)	4.91	4.76	4.47	4.30
Classic Sockets with Screw Clamp Terminals								
528-459	70-459-1	-	8 Pin Screw Terminals	782, with 0.187 Terminal	4.34	4.09	3.88	3.77
528-461	70-461-1	-	14 Pin Screw Terminals	782 (All and Hermetic)	3.63	3.35	3.18	3.00
Chassis Mount Sockets with Solder Terminals								
528-3781	70-378-1	-	14 Pin Solder Terminals	782 (All and Hermetic); 782C, Hermetic Only	.88	.81	.78	.74
Chassis Mount Sockets with 0.187" Quick Connect Terminals								
528-401	70-401-1	-	8 Pin Solder Terminals	782, with 0.187 Terminal	1.53	1.43	1.35	1.28
Printed Circuit Sockets with Thru-Hole Solder Pins								
528-3791	70-379-1	-	14 Pin PC Terminals	782, (All and Hermetic) TDR782	1.07	1.02	.98	.95
528-402	70-402-1	-	8 Pin PC Terminals	782, with 0.187 Terminal	1.26	1.19	1.14	1.12
Hold Down Clip for Class 782 Relays								
528-16-1342	16-1342	-	Hold Down Clip	782 (All)	.62	.59	.53	.49

DIMENSIONS: mm

TERMINAL ARRANGEMENT

General Purpose Relays

Magnecraft

