

# MAGNECRAFT PCB Relays



## CLASS 276 SEALED LOW PROFILE POWER PCB RELAYS

### Specifications:

- Contact resistance: 100mΩ initial @ 6 VDC, 1 Amp
- Coil power: 200mW approx
- Coil resistance: ±10%
- Contact material: silver alloy
- Dielectric strength: 2000 V rms
- Insulation resistance: 500 VDC exceeds 1000MΩ min
- Operating temperature: -40°C to +70°C
- Electrical life: 100,000 operations @ rated resistive load
- DTL compatible single-side stable design
- 5KV surge resistance coil to contact



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
528-2761-5	276XAXH-5D	A1	SPDT	7A	5 VDC	125	5.50	5.13	4.89	4.64
528-2761-12	276XAXH-12D	A1	SPDT	7A	12 VDC	720	7.75	7.13	6.77	6.42
528-2761-24	276XAXH-24D	A1	SPDT	7A	24 VDC	2880	7.75	7.13	6.77	6.42
528-2762-5	276AXXH-5D	A2	SPST-NO	10A	5 VDC	125	8.28	7.76	7.43	7.09
528-2762-12	276AXXH-12D	A2	SPST-NO	10A	12 VDC	720	5.40	5.06	4.83	4.60
528-2762-24	276AXXH-24D	A2	SPST-NO	10A	24 VDC	2880	8.28	7.76	7.43	7.09



## CLASS 976 SEALED SLIM-LINE PCB RELAYS

### Specifications:

- Contact resistance: 100mΩ min
- Coil power: AC 1.2 VA, DC 0.54 watts
- Coil resistance: ±10% measured @ 25°C
- Contact material: silver cadmium oxide
- Dielectric strength: 5000 V rms
- Insulation resistance: 100MΩ 500 VDC
- Operating temperature: -20°C to +55°C
- Electrical life: 100,000 operations @ rated resistive load
- Class B insulation



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
528-976A-5D	976XAXH-5D	B3	SPDT	12A	5 VDC	47	3.70	3.42	3.25	3.10
528-976A-12D	976XAXH-12D	B3	SPDT	12A	12 VDC	270	3.70	3.42	3.25	3.10
528-976A-24D	976XAXH-24D	B3	SPDT	12A	24 VDC	1100	3.90	3.07	2.82	2.57
528-976A-24A	976XAXH-24A	B3	SPDT	12A	24 VAC	250	4.45	4.12	3.92	3.73
528-976A-120A	976XAXH-120A	B3	SPDT	12A	120 VAC	5600	5.45	5.04	4.80	4.56
528-976AH-5D	976XAX97H-5D	B4	SPDT	20A	5 VDC	47	4.25	3.95	3.75	3.56
528-976AH-12D	976XAX97H-12D	B4	SPDT	20A	12 VDC	270	4.14	3.82	3.64	3.45
528-976AH-24D	976XAX97H-24D	B4	SPDT	20A	24 VDC	1100	4.25	3.95	3.75	3.56
528-976AH-24A	976XAX97H-24A	B4	SPDT	20A	24 VAC	250	3.72	3.45	3.27	3.20
528-976AH-120A	976XAX97H-120A	B4	SPDT	20A	120 VAC	5600	5.98	5.53	5.27	5.00
528-976B-5D	976XBXH-5D	B5	DPDT	5A	5 VDC	47	4.17	3.85	3.67	3.48
528-976B-12D	976XBXH-12D	B5	DPDT	5A	12 VDC	270	4.37	4.08	3.84	3.65
528-976B-24D	976XBXH-24D	B5	DPDT	5A	24 VDC	1100	3.51	3.31	3.11	2.90
528-976B-24A	976XBXH-24A	B5	DPDT	5A	24 VAC	250	4.90	4.53	4.31	4.09
528-976B-120A	976XBXH-120A	B5	DPDT	5A	120 VAC	5600	5.99	5.59	5.32	5.06



## CLASS 7 SEALED SUBMINIATURE PCB RELAYS

- Contact resistance: 100mΩ max @ 6 VDC 10mA
- Coil power: 200 mW min sensitivity
- Contact material: gold clad silver palladium
- Conforms to FCC Part 68, 1000 V dielectric withstanding voltage



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
528-720-1	W7PCX-1	C6	SPDT	2A	5 VDC	75	6.75	6.47	6.16	5.85
528-720-4	W7PCX-4	C6	SPDT	2A	24 VDC	1550	6.75	6.47	6.16	5.85
528-720-5	W7PCX-5	C7	DPDT	2A	5 VDC	75	8.70	8.36	7.95	7.54
528-720-7	W7PCX-7	C7	DPDT	2A	12 VDC	440	8.75	8.41	8.00	7.59
528-720-8	W7PCX-8	C7	DPDT	2A	24 VDC	1550	8.70	8.36	7.95	7.54



## CLASS 60 MINIATURE PCB RELAYS

- Contact resistance: Initial 50mΩ @ 6 VDC, 10mA, 100mΩ max
- Coil power: 200 mW min sensitivity
- Contact material: gold clad silver palladium
- Conforms to FCC Part 68, 1000 V dielectric withstanding voltage
- Bifurcated contacts for low level switches



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
528-6001-12	W60HE1S-12DC	D8	SPDT	2A	12 VDC	440	18.95	17.47	16.61	15.77
528-6001-24	W60HE1S-24DC	D8	SPDT	2A	24 VDC	1550	18.95	17.47	16.61	15.77
528-6002-5	W60HE2S-5DC	D9	DPDT	2A	5 VDC	75	23.23	21.42	20.38	19.34
528-6002-12	W60HE2S-12DC	D9	DPDT	2A	12 VDC	440	23.23	21.42	20.38	19.34



**DIMENSIONS (IN)**

**A**

**B**

**C**

**D**

**TERMINAL ARRANGEMENT**

**1**

SPDT

**2**

SPST-NO

**3**

SPDT

**4**

SPDT

**5**

DPDT

**6**

SPDT

**7**

DPDT

**8**

SPDT

**9**

DPDT