

MAGNECRAFT PCB and Solid State Relays



CLASS 276 SEALED LOW PROFILE POWER PCB RELAYS



- Contact resistance: 100mΩ initial @ 6VDC, 1 Amp
- Coil power: 200mW approx
- Coil resistance: ±10%
- Contact material: silver alloy
- Dielectric strength: 2000V rms

- Insulation resistance: 500VDC 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	5VDC	125	7.15	6.67	6.36	6.03
528-2761-12	276XAXH-12D	A1	SPDT	7A	12VDC	720	9.31	8.64	8.25	7.88
528-2761-24	276XAXH-24D	A1	SPDT	7A	24VDC	2880	11.18	10.38	9.91	9.45
528-2762-5	276AXXH-5D	A2	SPST-NO	10A	5VDC	125	10.79	10.11	9.68	9.24
528-2762-12	276AXXH-12D	A2	SPST-NO	10A	12VDC	720	8.51	7.97	7.62	7.26
528-2762-24	276AXXH-24D	A2	SPST-NO	10A	24VDC	2880	20.57	19.88	19.56	19.00



CLASS 976 SEALED SLIM-LINE PCB RELAYS



- Contact resistance: 100mΩ min
- Coil power: AC 1.2VA, DC 0.54 watts
- Coil resistance: ±10% measured @ 25°C
- Contact material: silver cadmium oxide
- Dielectric strength: 5000V rms

- Insulation resistance: 100MΩ 500VDC
- 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	5VDC	47	10.61	10.13	9.66	8.70
528-976A-12D	976XAXH-12D	B3	SPDT	12A	12VDC	270	4.51	4.17	3.96	3.78
528-976A-120A	976XAXH-120A	B3	SPDT	12A	120VAC	5600	6.70	6.20	5.90	5.61
528-976AH-12D	976XAX97H-12D	B4	SPDT	20A	12VDC	270	4.99	4.61	4.39	4.16
528-976AH-24D	976XAX97H-24D	B4	SPDT	20A	24VDC	1100	5.11	4.74	4.50	4.28
528-976AH-24A	976XAX97H-24A	B4	SPDT	20A	24VAC	250	5.19	4.81	4.55	4.47
528-976AH-120A	976XAX97H-120A	B4	SPDT	20A	120VAC	5600	7.29	6.42	6.09	5.97
528-976B-12D	976XBXH-12D	B5	DPDT	5A	12VDC	270	5.35	4.99	4.70	4.46
528-976B-24D	976XBXH-24D	B5	DPDT	5A	24VDC	1100	4.26	4.01	3.78	3.52
528-976B-24A	976XBXH-24A	B5	DPDT	5A	24VAC	250	6.00	5.54	5.27	5.00
528-976B-120A	976XBXH-120A	B5	DPDT	5A	120VAC	5600	8.40	7.32	6.50	6.18



CLASS 7 SEALED SUBMINIATURE PCB RELAYS



- Contact resistance: 100mΩ max @ 6VDC 10mA
- Coil power: 200mW min sensitivity
- Contact material: gold clad silver palladium
- Conforms to FCC Part 68 1000V 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
528-720-7	W7PCX-7	C6	DPDT	2A	12VDC	440	26.68	25.54	24.38	22.04
528-720-8	W7PCX-8	C6	DPDT	2A	24VDC	1550	26.70	25.53	24.38	22.06



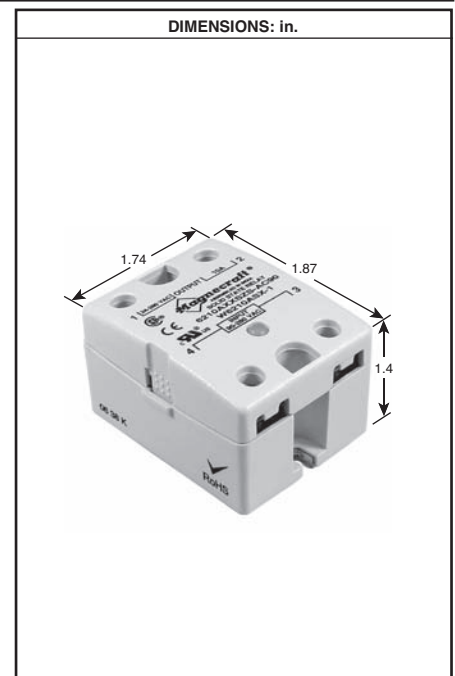
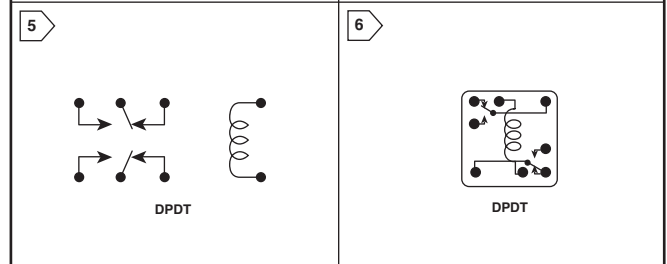
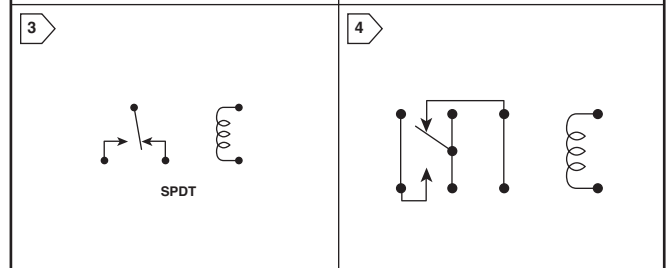
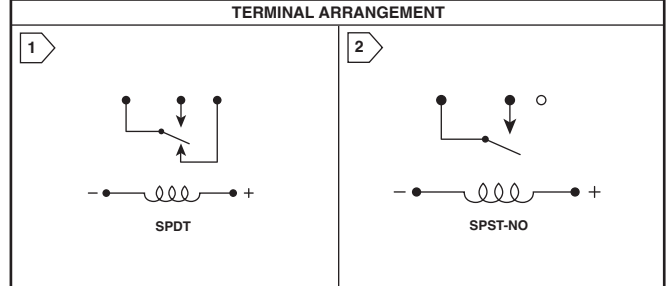
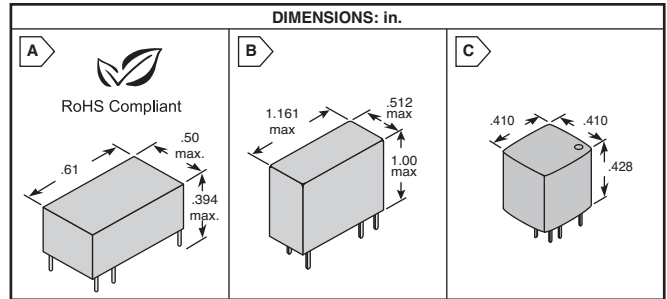
CLASS 6 SOLID STATE RELAYS WITH LED LAMP INDICATOR



- Screw (AXX) or Blade (BXX) Terminals Available
- Control Voltage Range: AC90 = 90-280 VAC (50/60 Hz), DC3 = 3-32 VDC
- Load Voltage Range: 62 = 40-280 VAC, 64 = 48-480 VAC, 66 = 48-600 VAC
- 10 to 125 Amp Switching Capacity
- Optically Coupled
- AC or DC Controlled
- Panel Mountable

For quantities of 100 and up, call for quote.

MOUSER STOCK NO.	Magnecraft® Part No.	Supersedes	Load Voltage	Current Rating (RMS)	Price Each			
					1	10	25	50
AC Controlled Input, 90-280 VAC (SPST-NO)								
528-6210AXXSZS-AC90	6210AXXSZS-AC90	W6210ASX-1	24-280 VAC	10A	28.92	24.07	22.74	21.41
528-6225AXXSZS-AC90	6225AXXSZS-AC90	W6225ASX-1	24-280 VAC	25A	57.95	55.43	52.90	47.87
528-6240AXXSZS-AC90	6240AXXSZS-AC90	W6240ASX-1	24-280 VAC	40A	48.83	46.71	44.58	40.34
528-6250AXXSZS-AC90	6250AXSX-1	W6250ASX-1	24-280 VAC	50A	50.05	47.87	45.70	41.34
528-6275AXXSZS-AC90	6275ASX-1	W6275ASX-1	24-280 VAC	75A	78.02	74.62	71.23	64.45
528-6410AXXSZS-AC90	6410AXXSZS-AC90	W6410ASX-1	48-480 VAC	10A	39.35	37.63	35.93	32.50
528-6425AXXSZS-AC90	6425AXXSZS-AC90	W6425ASX-1	48-480 VAC	25A	48.33	46.23	44.13	39.92
528-6440AXXSZS-AC90	6440AXXSZS-AC90	W6440ASX-1	48-480 VAC	40A	137.69	131.70	125.72	113.74
528-6450AXXSZS-AC90	6450AXXSZS-AC90	W6450ASX-1	48-480 VAC	50A	60.35	57.73	55.10	49.86
528-6475AXXSZS-AC90	6475AXXSZS-AC90	W6475ASX-1	48-480 VAC	75A	88.90	85.03	81.17	73.44
528-6690AXXSZS-AC90	6690AXXSZS-AC90	W6690ASX-1	48-600 VAC	90A	91.26	87.30	83.33	75.39
528-66125AXXSZS-AC90	66125AXXSZS-AC90	W66125ASX-1	48-600 VAC	125A	109.39	104.63	99.88	90.36
DC Controlled Input, 3-32 VDC (SPST-NO)								
528-6210AXXSZS-DC3	6210AXXSZS-DC3	W6210DSX-1	24-280 VAC	10A	37.11	35.48	33.87	30.65
528-6240AXXSZS-DC3	6240AXXSZS-DC3	W6240DSX-1	24-280 VAC	40A	69.00	66.00	62.99	57.00
528-6250AXXSZS-DC3	6250DSX-1	W6250DSX-1	24-280 VAC	50A	50.05	47.87	45.70	41.34
528-6275AXXSZS-DC3	6275DSX-1	W6275DSX-1	24-280 VAC	75A	78.02	74.62	71.23	64.45
528-6425AXXSZS-DC4	6425AXXSZS-DC4	W6425DSX-1	48-480 VAC	25A	45.63	43.66	41.66	37.71
528-6440AXXSZS-DC4	6440AXXSZS-DC4	W6440DSX-1	48-480 VAC	40A	133.46	127.65	121.86	110.24
528-6450AXXSZS-DC4	6450AXXSZS-DC4	W6450DSX-1	48-480 VAC	50A	59.46	56.87	54.29	49.12
528-6475AXXSZS-DC4	6475AXXSZS-DC4	W6475DSX-1	48-480 VAC	75A	88.32	84.48	80.64	72.96
528-6690AXXSZS-DC4	6690AXXSZS-DC4	W6690DSX-1	48-600 VAC	90A	88.32	84.48	80.64	72.96
528-66125AXXSZS-DC4	66125AXXSZS-DC4	W66125DSX-1	48-600 VAC	125A	95.84	91.67	87.51	79.17



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PCB Relays