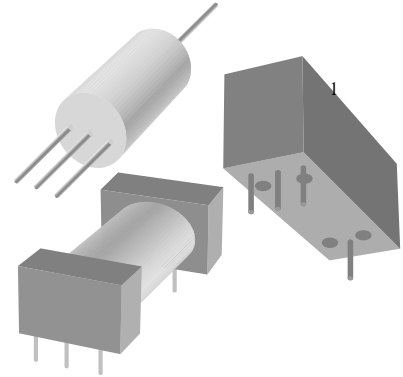


HIGH VOLTAGE REED RELAYS

- Miniature high voltage reed relays.
- Pressurized dry reed contacts.
- Open frame, encapsulated and axial lead packages are available.
- Meets FCC part 68 contact to contact breakdown requirements.



OUTLINE DIMENSIONS

OPEN FRAME	ENCAPSULATED	AXIAL LEAD

Notes:

1. Dimensions are in inches (mm).
2. Tolerance unless otherwise specified is +/- .015" (0.38 mm).
3. Unused terminals are omitted.

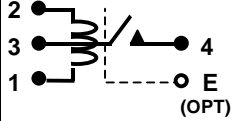
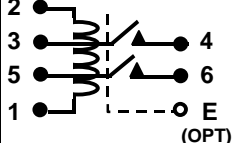
GENERAL SPECIFICATIONS

Power (Resistive Load)	25 Watts
Voltage (Max. Switching)	1000 VDC
(Min. Breakdown) (Across contact)	2500 VDC
Current (Max. switching)	1 Amps
(Max. Carry)	2 Amps
Contact Resistance (Max. Initial)	0.2 Ohms
Capacitance (Typical)	0.2 pF
Operating Time (Typical)	0.5 mSec
Release Time (Typical)	0.2 mSec
Bounce Time (Typical)	0.25 mSec
Life Expectancy:	
Low level:	100 x 10 ⁶ Operations
Rated load:	10 x 10 ⁹ Operations
Insulation Resistance (Min.)	10 ¹⁰ Ohms
Capacitance (Typical)	0.2 pF
Operating Temperature	-40° C to +85° C
Vibration	20G, 10 to 2000 Hz
Shock	50G @ 11 MS duration

American Relays, Inc. (562) 926-2837, Fax (562) 926-2703, E-mail: Sales@americanrelays.com

HIGH VOLTAGE REED RELAYS

PART NUMBERS AND COIL DATA (@ 25°C)

Contact Form	Part Number			Nom. Voltage VDC	Max. Voltage VDC	Coil Res. Ohms +/-10%	Must Operate VDC	Must Release VDC	Schematic Top View
	Open Frame	Encapsulated	Axial Leads						
1A	C051A1HO	I051A1HO	O051A1HO	5	7.5	125	3.8	0.5	
	C051A2HO	I051A2HO	O051A2HO			500			
	C061A1HO	I061A1HO	O061A1HO	6	9	125	4.5	0.6	
	C061A2HO	I061A2HO	O061A2HO			500			
	C121A1HO	I121A1HO	O121A1HO	12	18	750	9.0	1.2	
	C121A2HO	I121A2HO	O121A2HO			1000			
	C241A2HO	I241A2HO	O241A2HO	24	36	2000	18.0	2.4	
	C241A3HO	I241A3HO	O241A3HO			4000			
2A	C052A1HO	I052A1HO	O052A1HO	5	7.5	100	3.8	0.5	
	C052A2HO	I052A2HO	O052A2HO			300			
	C062A1HO	I062A1HO	O062A1HO	6	9	100	4.5	0.6	
	C062A2HO	I062A2HO	O062A2HO			300			
	C122A1HO	I122A1HO	O122A1HO	12	18	300	9.0	1.2	
	C122A2HO	I122A2HO	O122A2HO			750			
	C242A2HO	I242A2HO	O242A2HO	24	36	1500	18.0	2.4	
	C242A3HO	I242A3HO	O242A3HO			3000			

Notes:

1. Side coils, non standard coil resistances, form B and multi-pole relays are also available. Consult factory for your needs.
2. 10W, 0.5A, 300VDC switching and 750 VDC hold-off reed relays are also available.