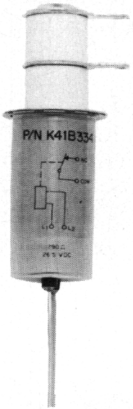


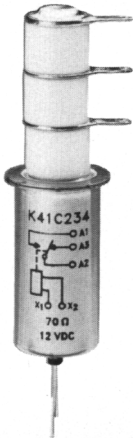
Kilovac K41A, K41B Make & Break Load Switching



Features:

- High current carry rating
- Vacuum dielectric for power switching low current loads
- Glazed ceramics for low current leakage
- Compact, space-saving design
- Meets requirements of MIL-R-83725
- QPL versions available, M83725/21 & M83725/22

Kilovac K41C Make & Break Load Switching



Features:

- Single pole, double throw version
- Vacuum dielectric for power switching low current loads
- RF ratings to 32 MHz
- Long life: 2 million cycles
- Meets requirements of MIL-R-83725
- QPL version available, M83725/23

PRODUCT SPECIFICATIONS				
Part Number	Unit	K41A	K41B	K41C
Contact Arrangement		SPST-NO	SPST-NC	SPDT
Contact Form		A	B	C
Test Voltage (dc or 60Hz)	kV Peak	6	6	6
Rated Operating Voltage	kV Peak			
dc or 60 Hz		5	5	5
2.5 MHz		4.5	4.5	4.5
16 MHz		3.5	3.5	3.5
32 MHz		2.8	2.8	2.8
Continuous Carry Current , Maximum	Amps			
dc or 60 Hz		30	30	30
2.5 MHz		24	24	24
16 MHz		16	16	16
32 MHz		12	12	12
Coil Hi-Pot (V RMS, 60 Hz)		500	500	500
Contact Capacitance	pF			
Between Open Contacts		1.2	1.2	1.2
Open Contacts to Ground		1.2	1.2	1.2
Contact Resistance, Maximum	Ohms	0.02	0.02	0.02
Operate Time, Maximum	ms	10	10	10
Release Time, Maximum	ms	10	10	10
Shock, 11 ms 1/2 Sine	G's Peak	50	50	50
Vibration, 10 G's Peak	Hz	55-2000	55-2000	55-2000
Operating Ambient Temperature Range	°C	-55 to +125	-55 to +125	-55 to +125
Mechanical Life (Operations x 10 ⁶)	cycles	2	2	2
Weight, Nominal	oz	1	1	1

COIL DATA			
Nominal, Volts dc	12	26.5	115
Pickup, Volts dc, Maximum	8	16	80
Drop-Out, Volts dc	.5 - 5	1 - 10	5 - 50
Coil Resistance (Ohms ±10%)	70	290	4700

Ratings listed are for 25°C, sea level conditions

PART NUMBER SELECTION					
Sample Part No.	K41	A	3	3	4
Contact Form	A = SPST-NO				
	B = SPST-NC				
	C = SPDT				
Coil Voltage	2 = 12 Vdc, Bus Wire				
	3 = 26.5 Vdc, Bus Wire				
	5 = 115 Vdc, Bus Wire				
	7 = 12 Vdc, Turret Terminal*				
	8 = 26.5 Vdc, Turret Terminal*				
	9 = 115 Vdc, Turret Terminal*				
High Voltage Connections	3 = Solder Connection				
Mounting*	2 = Flanged				
	4 = Standard				

* See page 58 for turret terminal dimensions and mounting methods.