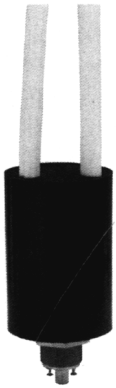


Kilovac K70A, K70B Make Only



Features:

- New, small, compact 70 kV relay package
- SF-6 gas-filled for capacitive discharge and high voltage isolation applications
- Ideal for charging and discharging of high voltage capacitors
- Safe for use in adverse environments

Kilovac K70C Make Only



Features:

- SPDT version of K70A
- SF-6 gas-filled for capacitive discharge and high voltage isolation applications
- Ideal for charging and discharging of high voltage capacitors

PRODUCT SPECIFICATIONS				
Part Number	Units	K70A	K70B	K70C
Contact Arrangement		SPST-NO	SPST-NC	SPDT
Contact Form		A	B	C
Test Voltage (dc)		75	75	75
Rated Operating Voltage	kV Peak			
dc		70	70	70
60 Hz RMS, kV Peak		30	30	30
2.5 MHz		-	-	-
16 MHz		-	-	-
32 MHz		-	-	-
Continuous Carry Current , Maximum	Amps			
dc or 60 Hz		10	10	10
2.5 MHz		-	-	-
16 MHz		-	-	-
32 MHz		-	-	-
Coil Hi-Pot (V RMS, 60 Hz)		500	500	500
Contact Capacitance	pF			
Between Open Contacts		-	-	-
Open Contacts to Ground		-	-	-
Contact Resistance, Maximum	ohms	2.0*	2.0*	2.0*
Operate Time, Maximum	ms	20	20	20
Release Time, Maximum	ms	15	15	15
Shock, 11 ms 1/2 Sine	Peak G's	20	20	20
Vibration, 10 G's Peak	Hz	55-500	55-500	55-500
Operating Ambient Temperature Range	°C	0 to +85	0 to +85	0 to +85
Mechanical Life (Operations x 10 ⁶)	Cycles	0.5	0.5	0.5
Weight, Nominal	oz.	18	18	18

COIL DATA	
Nominal, Volts dc	26.5
Pickup, Volts dc, Maximum	22
Drop-Out, Volts dc	1 - 10
Coil Resistance (Ohms ±10%)	75

Ratings listed are for 25°C, sea level conditions

PART NUMBER SELECTION					
Sample Part Number	K70	A	8	4	1
Contact Form		A	8	4	1
A = SPST-NO					
B = SPST-NC					
C = SPDT					
Coil Voltage-			8	4	1
8 = 26.5 Vdc, Turret Terminal					
High Voltage Connections-				4	1
4 = Flying Leads, 12"					
7 = Flying Leads, 72"					
8 = Flying Leads, 36"					
Mounting-					1
1 = Threaded					

* Contact resistance for gas-filled relays measured at 28 Vdc, 1 Amp