

## Vacuum Relays

### VC-18

Reference Model: (Kilovac) : KC-18



VC-18	-26.5	S
Mounting P=Through Panel F=Flanged		
Coil Voltage		
High Voltage/Power Terminal S=Solder Pot W=Screw		

#### Features:

Durable tungsten contacts for hot load switching.  
 Vacuum dielectric for effective arc quenching when opening under load.  
 Two mounting styles available, flange or through panel with jam nut.  
 Solder or threaded high voltage connections help make installation easy.  
 User interchangeable coils provide for driver versatility.

COIL RATINGS			
Nominal, Volts dc	12	26.5	115
Pick-up, Volts dc, Max	8	16	80
Drop-out, Volts dc	.5-5	1-10	5-50
Coil Resistance ( $\Omega \pm 10\%$ )	48	180	2900

\*Ratings listed are for 25 °C, sea level conditions

Contact & Relay Ratings		Units	VC-18
Contact Form			C
Contact Arrangement			SPDT
Test Voltage(KV Peak), Test Max., Contacts & to Base(15µA Leakage Max., dc or 60Hz)		KV Peak	17
Rated Operating Voltage, (KV Peak),	dc or 60Hz	KV Peak	15
2.5MHz		KV Peak	-
16MHz		KV Peak	-
32MHz		KV Peak	-
Continuous Current, Carry Max.	dc or 60Hz	Amps	30
2.5MHz		Amps	-
16MHz		Amps	-
32MHz		Amps	-
Coil Hi-Pot(V RMS, 60Hz)		V	500
Capacitance	Across Open Contacts	pF	1
	Contacts to Ground	pF	2
Resistance, Contact Max@ 1A, 28Vdc	ohms	0.025	
Operate Time, Max.	ms	15	
Release Time, Max.	ms	9	
Mechanical Life	Cycles	1 million	
Weight	g (oz)	84 (3)	
Vibration, sine(10-2000Hz Peak)	G's	10	
Shock, 1/2 sine 11ms(Peak)	G's	50	
Operating Temperature Ambient	°C	-55~+125	

