

Vacuum Relays

VC-8

Reference Model: (Kilovac) : KC-8, KC-12, KC-14



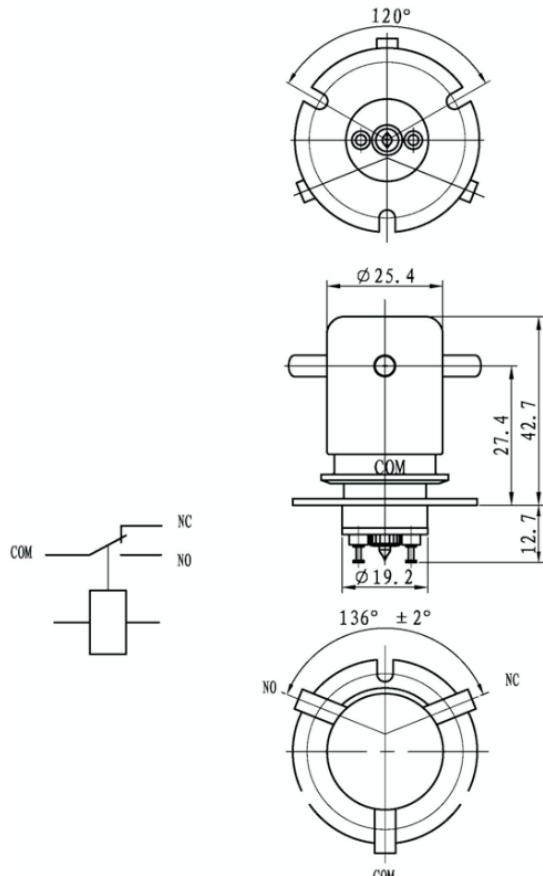
VC-8	-26.5	S
Mounting P=Through Panel F=Flanged		
Coil Voltage		
High Voltage/Power Terminal S=Solder Pot W=Screw		

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	24	26.5	115
Pick-up, Volts dc, Max	8	16	16	80
Drop-out, Volts dc	.5-5	1-10	1-10	5-50
Coil Resistance ($\Omega \pm 10\%$)	60	180	270	3500

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



Contact & Relay Ratings		Units	VC-8
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	12
16MHz		KV Peak	9
32MHz		KV Peak	7
Continuous Current, Carry Max.	dc or 60Hz	Amps	30
2.5MHz		Amps	18
16MHz		Amps	10
32MHz		Amps	6
Coil Hi-Pot(V RMS, 60Hz)	V		500
Capacitance	Across Open Contacts	pF	0.5
	Contacts to Ground	pF	1
Resistance, Contact Max@ 1A, 28Vdc	ohms		0.025
Operate Time, Max.	ms		12
Release Time, Max.	ms		7
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