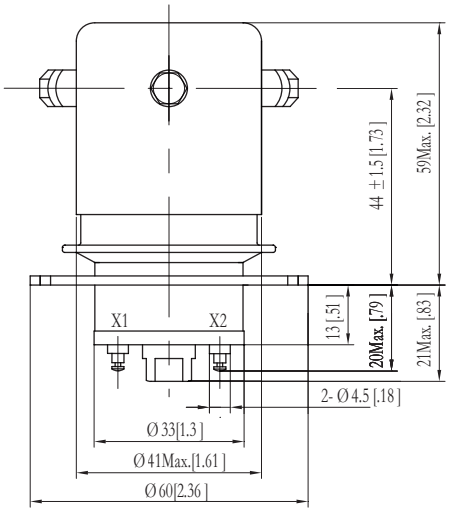
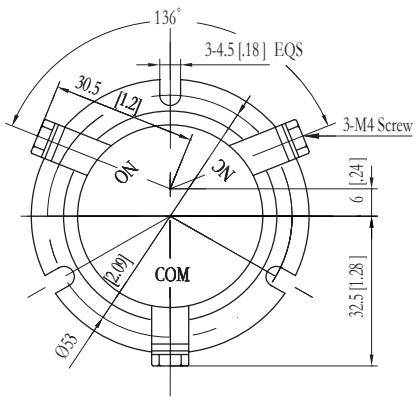
HVP
High Voltage Products. High Voltage Experts

Vacuum HV Relays

V9

- Durable tungsten contacts for better load switching capability
- Ideal choice for high power RF or DC applications
- Solder or threaded mounting options





Coil Terminals X1&X2
Not Polarity Sensitive

PRODUCT SPECIFICATIONS

Item		Unit	Value
Contact Form		—	C
Contact Arrangement		—	SPDT
Maximum Peak Test Voltage, Contacts and to Base (15μA Leak Current Max.) dc or 60Hz		kV	20
Contact Material (moveable/stationary)			molybdenum /tungsten
Maximum Peak Operating Voltage, Contacts and to Base (15μA Leak Current Max.)	dc or 60Hz	kV	15
	2.5MHz	kV	13
	13.56MHz	kV	10
	32MHz	kV	8
Current, Continuous Carry Max	dc or 60Hz	A	75
	2.5MHz	A	35
	13.56MHz	A	22
	32MHz	A	17
Coil Hi-Pot (V RMS, 60 Hz)		V	500
Capacitance	Across Open Contacts	pF	3
	Contacts to Ground	pF	3.5
Operate Time		ms	30
Release Time		ms	8
Resistance, Contact Max @ 1A, 28 Vdc		Ω	.01
Operating Temperature Ambient		°C	-55 ~ +125
Shock, Operating, 1/2 Sine11ms (Peak)		G's	50
Vibration, Operating, Sine (10-2000 Hz Peak)		G's	10
Life, Mechanical		Cycles	1 million
Weight, Nominal		g(oz)	290(10)

COIL RATINGS

Nominal, Volts dc	12	26.5
Pick-up, Volts dc, Max.	8	16
Drop-Out, Volts dc	.5~5	1~10
Coil Resistance (Ω ±10%)	48	190
※Ratings Listed are for 25°C,Sea Level Conditions		

PART NUMBER SYSTEM

Series: High Voltage/Power — V9 — W F — 12 Vdc

Terminal Connections

Contact Leads Out: W=Screw

Mounting: F=Flange

Coil Voltage: Blank=26.5Vdc, —12Vdc=12Vdc