

VHC-2,4,6

FEATURES

VHC — 2

No Load Switching

- Vacuum dielectric and copper contacts for high current carry rating of 25 Amps
- Not designed for power switching
- Stable, low contact Resistance

VHC — 4

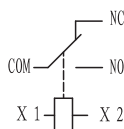
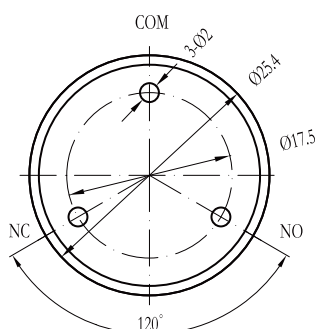
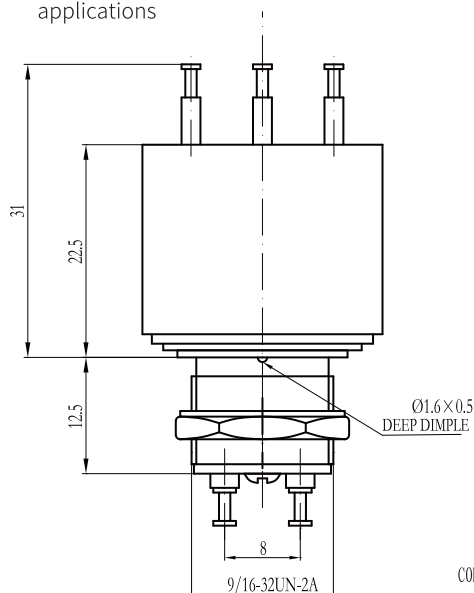
Make & Break Load Switching

- Tungsten contacts for long life in power switching applications
- Vacuum dielectric for arcsuppression when making or breaking a load

VHC — 6

Make Only Load Switching

- Tungsten contacts for switching high in-rush loads
- SF₆ gas-filled for capacitive discharge applications
- Suitable for ESD testing applications
- Tungsten contacts for long life in power switching applications



PRODUCT SPECIFICATIONS

Item		VHC-2	VHC-4	VHC-6
Contact Form		C	C	C
Contact Arrangement		SPDT	SPDT	SPDT
Contact Material (moveable/stationary)		moly./copper	moly./tungsten	
Dielectric		Vacuum		Inert Gas
Maximum Peak Test Voltage, Contacts and to Base (15µA Leak Current Max.) dc or 60Hz kV		10	10	10
Maximum Peak Operating Voltage, Contacts and to Base (15µA Leak Current Max.) kV	dc or 60Hz	8	8	8
	2.5MHz	—	—	—
	13.56MHz	—	—	—
	32MHz	—	—	—
Current, Load Switching ※ ※		Contact factory		
Current, Continuous Carry Max A	dc or 60Hz	25	18	8
	2.5MHz	—	—	—
	13.56MHz	—	—	—
	32MHz	—	—	—
Coil Hi-Pot (V RMS, 60 Hz) V		500	500	500
Capacitance pF	Across Open Contacts	—	—	—
	Contacts to Ground	—	—	—
Operate Time ms		6	6	6
Release Time ms		6	6	6
Resistance, Contact Max @ 1A, 28 Vdc Ω		0.012	0.025	0.5
Operating Temperature Ambient °C		-55 ~ +125	-55 ~ +125	-55 ~ +125
Vibration, Operating, Sine (10-2000 Hz Peak) G's		10	10	10
Shock, Operating, 1/2 Sine 11ms (Peak) G's		50	50	50
Life, Mechanical Cycles		2 million	2 million	1 million
Weight, Nominal g(oz)		40(4)	40(4)	40(4)

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	5~55
Coil Resistance (Ω ±10%)	80	335	335	6000
Ratings Listed are for 25°C, Sea Level Conditions				

PART NUMBER SYSTEM

Series: VHC — 2 12Vdc

Model: 2; 4; 6;

Coil Voltage : Blank=26.5Vdc
12Vdc=12Vdc 24Vdc=24Vdc 115Vdc=115Vdc