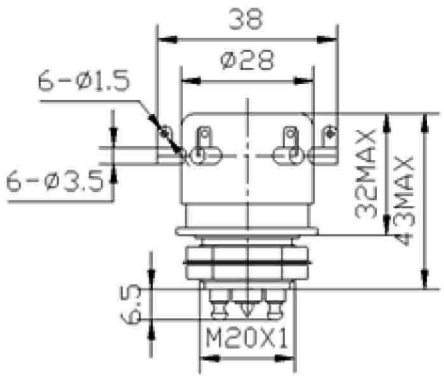
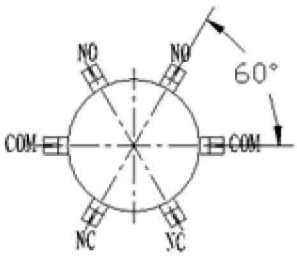
High Voltage Relays: GL12





Features

- Smallest high voltage relay with double pole double throw
- Durable tungsten contacts for hot load switching
- Vacuum dielectric for effective arc quenching when opening under load
- User interchangeable coils provide for driver versatility
- Consult factory for load switching applications

Product Specification		
Contact & Relay Ratings	Units	GL12SP
Contact Form		2C
Contact Arrangement		DPDT
Test Voltag,(kV, Peak), Test Max., Contacts & to Base (15 µA Leakage Max., dc or 60Hz)	KV Peak	10
Rated Operating Voltage,(kV,Peak), Contacts & to Base (15 µA Leakage Max.)		
dc or 60Hz	KV Peak	8
2.5MHz	Kv Peak	5
16MHz	KV Peak	3
32MHz	KV Peak	2
Continuous Current, Carry Max		
dc or 60Hz	Amps	10
2.5MHz	Kv Peak	7
16MHz	KV Peak	3
32MHz	KV Peak	2
Coil Hi-Pot (V RMS, 60 Hz)	V	500
Capacitance		
Across Open Contacts	pF	0.8
Contacts to Ground	pF	1.5
Resistance, Contact Max @ 1A, 28Vdc	ohms	0.02
Operate Time, Max	ms	15
Release Time, Max	ms	15
Mechanical Life	Cycles	1 million
Weight	g	70
Vibration, Sine (10-2000 Hz Peak)	G's	10
Shock, 1/2 Sine11ms (Peak)	G's	30
Operating Temperature Ambient	°C	-55 ～ +125
Operating Temperature Ambient	°C	200

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 (Ω±10%)	60	250	3500
* Ratings listed are for 25°C, sea level conditions			

GL12 S P -12Vdc

- High Voltage/Power Terminal
  S = Solder Pot
- Mounting
  P = Through Panel
- Coil Voltage
  12Vdc=12 Vdc
  25.6Vdc=26.5 Vdc
  115Vdc=115 Vdc

* Order the relay with the coil voltage in the part number as shown above. The coil voltage will appear on the coil plate near the coil terminals rather than in the P/N on the relay.

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