

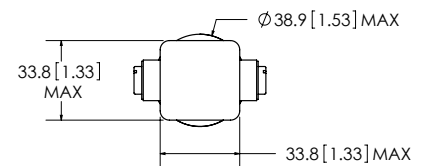
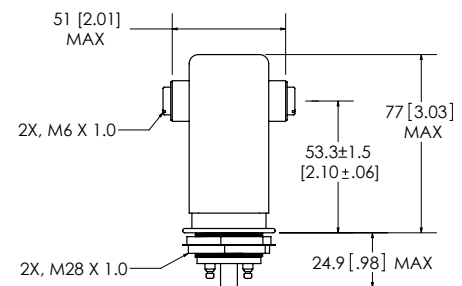
## FEATURES

- > Gas dielectric for improved hi-inrush and make into load switching\*\*
- > Tungsten contacts for long operational life
- > Mounting options in any axis
- > Threaded HV connections means easy installation



## PRODUCT SPECIFICATIONS

| Contact & Relay Ratings   | Units   | G38                  |
|---|---------|----------------------|
| <b>Contact Form</b>   |         | Y                    |
| <b>Contact Arrangement</b>  |         | SPST-NC              |
| Contact Material (moveable/stationary)  |         | molybdenum /tungsten |
| Dielectric  |         | Inert Gas            |
| <b>Voltage, Test Max., Contacts &amp; to Base (15 µA Leakage Max., dc or 60Hz)</b>      | kV Peak | 28                   |
| <b>Voltage, Operating Max., Contacts &amp; to Base (15 µA Leakage Max.) dc or 60 Hz</b> | kV Peak | 25                   |
| <b>Current, Load Switching</b>  |         | Contact Factory**    |
| <b>Current, Continuous Carry Max</b> dc or 60 Hz  | Amps    | 15                   |
| <b>Coil Hi-Pot (V RMS, 60 Hz)</b>   | V       | 500                  |
| <b>Resistance, Contact Max @ 1A, 28 Vdc</b>   | ohms    | 1.0                  |
| <b>Operate Time</b>   | ms      | 18                   |
| <b>Release Time</b>   | ms      | 20                   |
| <b>Life, Mechanical</b>   | cycles  | 2 million            |
| <b>Weight, Nominal</b>  | g (oz)  | 342 (12)             |
| <b>Vibration, Operating, Sine (55-500 Hz Peak)</b>                                      | G's     | 10                   |
| <b>Shock, Operating, 1/2 Sine 11ms (Peak)</b>   | G's     | 30                   |
| <b>Temperature Ambient Operating</b>  | °C      | -55 to +125          |



## 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 (Ohms ±10%) | 24     | 120    | 2000   |

## PART NUMBER SYSTEM

| G38  | W        | P                 |  |
|--|----------|-------------------|--|
| <b>High Voltage/Power Terminal Connections</b> | W= Screw |                   |  |
| <b>Mounting</b>                                |          | P = Through Panel |  |
| <b>Coil Voltage *</b>                          |          |                   | Blank = 26.5 Vdc<br>-12Vdc = 12 Vdc<br>-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.

\*\* Consult factory for load switching applications

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