

## Product Features

- Specifically designed for load switching applications.
- Durable tungsten contacts for hot load switching.
- Can power switch and isolate loads.
- Internal shield allows base to be grounded for load switching below 500 Vdc.
- Consult factory for load switching applications.

| Product Specification                                                                       |                      | Units        | GHR-8-SF  | GHR-8-SP  | GHR-8-WF  | GHR-8-WP  |
|---------------------------------------------------------------------------------------------|----------------------|--------------|-----------|-----------|-----------|-----------|
| Contact Form                                                                                |                      |              | C         | C         | C         | C         |
| Contact Arrangement                                                                         |                      |              | SPDT      | SPDT      | SPDT      | SPDT      |
| Test Voltage,(kV, Peak), Test Max.,Contacts & to Base (15 $\mu$ A Leakage Max., dc or 60Hz) |                      | KV Peak      | 17        | 17        | 17        | 17        |
| Rated Operating Voltage,(kV, Peak), Contacts & to Base (15 $\mu$ A Leakage Max.)            | DC or 60Hz           | KV Peak      | 15        | 15        | 15        | 15        |
|                                                                                             | 2.5MHz               | KV Peak      | 12        | 12        | 12        | 12        |
|                                                                                             | 16MHz                | KV Peak      | 9         | 9         | 9         | 9         |
|                                                                                             | 32MHz                | KV Peak      | 7         | 7         | 7         | 7         |
| Continuous Current,Carry Max                                                                | DC or 60Hz           | Amps         | 30        | 30        | 30        | 30        |
|                                                                                             | 2.5MHz               | Amps         | 18        | 18        | 18        | 18        |
|                                                                                             | 16MHz                | Amps         | 10        | 10        | 10        | 10        |
|                                                                                             | 32MHz                | Amps         | 6         | 6         | 6         | 6         |
| Coil Hi -Pot (V RMS, 60 Hz)                                                                 |                      | V            | 500       | 500       | 500       | 500       |
| Capacitance                                                                                 | Across Open Contacts | pF           | 0.5       | 0.5       | 0.5       | 0.5       |
|                                                                                             | Contacts to Ground   | pF           | 1         | 1         | 1         | 1         |
| Resistance, Contact Max @ 1A, 28Vdc                                                         |                      | $\Omega$     | 0.025     | 0.025     | 0.025     | 0.025     |
| Operate Time, Max                                                                           |                      | ms           | 15        | 15        | 15        | 15        |
| Release Time, Max                                                                           |                      | ms           | 9         | 9         | 9         | 9         |
| Operating Temperature Ambient                                                               |                      | $^{\circ}$ C | -55~+125  | -55~+125  | -55~+125  | -55~+125  |
| Shock, 1/2 Sine11ms (Peak)                                                                  |                      | G' s         | 50        | 50        | 50        | 50        |
| Vibration, Sine (10-2000 Hz Peak)                                                           |                      | G' s         | 10        | 10        | 10        | 10        |
| Mechanical Life                                                                             |                      | Cycles       | 1 Million | 1 Million | 1 Million | 1 Million |
| Weight                                                                                      |                      | g            | 84        | 84        | 84        | 84        |

| COIL RATINGS                                       |       |      |     |     |     |
|----------------------------------------------------|-------|------|-----|-----|-----|
| Nominal, Volts dc                                  | 220   | 110  | 27  | 24  | 12  |
| Pick-up, Volts dc,Max                              | 150   | 70   | 16  | 16  | 8   |
| Drop-Out, Volts dc,Min                             | 10    | 2    | 1.5 | 1.5 | 0.5 |
| Coil Resistance ( $\Omega \pm 10\%$ )              | 10000 | 5400 | 270 | 180 | 48  |
| ※ Ratings listed are for 25°C,sea level conditions |       |      |     |     |     |

※ 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.



NAMED

GHR-8

Type

High Voltage/Power

Terminal Connections :

S=Solder Pot

W=Screw

Mounting:

F=Flange

P=Through Panel

S

F

-24VDC

Coil Voltage:

12VDC=12VDC

24VDC=24VDC

26.5VDC=26.5VDC

