

Kilovac H-19 *Make & Break Load Switching*



Features:

- 20 kV operating voltage
- Vacuum dielectric and tungsten contacts for power switching low current loads
- Double pole, double throw contacts
- Available with corona shield connectors
- Meets requirements of MIL-R-83725

Kilovac H-17 *Make & Break Load Switching*



Features:

- Will isolate 12 kV at 32 MHz
- Tungsten contacts suitable for power switching low current loads
- Available with corona shield connectors
- Meets requirements of MIL-R-83725
- QPL version available, M83725/2

| PRODUCT SPECIFICATIONS | | | |
|---|----------|-------------|-------------|
| Part Number | Units | H-19 | H-17 |
| Contact Arrangement | | DPDT | SPDT |
| Contact Form | | 2C | C |
| Test Voltage (dc or 60Hz) | kV Peak | 25 | 30 |
| Rated Operating Voltage | kV Peak | | |
| dc or 60 Hz | | 20 | 25 |
| 2.5 MHz | | 15 | 20 |
| 16 MHz | | 10 | 15 |
| 32 MHz | | 7 | 12 |
| Continuous Carry Current , Maximum | Amps | | |
| dc or 60 Hz | | 30 | 30 |
| 2.5 MHz | | 18 | 16 |
| 16 MHz | | 9 | 10 |
| 32 MHz | | 6 | 8 |
| Coil Hi-Pot (V RMS, 60 Hz) | | 500 | 500 |
| Contact Capacitance | pF | | |
| Between Open Contacts | | 1 | 1 |
| Open Contacts to Ground | | 2.5 | 2.5 |
| Contact Resistance, Maximum | ohms | 0.015 | 0.015 |
| Operate Time, Maximum | ms | 30 | 25 |
| Release Time, Maximum | ms | 20 | 25 |
| Shock, 11 ms 1/2 Sine | Peak G's | 30 | 20 |
| Vibration, 10 G's Peak | Hz | 55-500 | 55-500 |
| Operating Ambient Temperature Range | °C | -55 to +125 | -55 to +125 |
| Mechanical Life (Operations x 10 ⁶) | Cycles | 1 | 1 |
| Weight, Nominal | oz. | 8.5 | 7 |

| COIL DATA | | | |
|-----------------------------|--------|--------|--------|
| Nominal, Volts dc | 12 | 26.5 | 115 |
| Pickup, Volts dc, Maximum | 8 | 16 | 80 |
| Drop-Out, Volts dc | .5 - 5 | 1 - 10 | 5 - 50 |
| Coil Resistance (Ohms ±10%) | H-19 | 48 | 225 |
| | H-17 | 24 | 120 |
| | | 2100 | 2900 |

Ratings listed are for 25°C, sea level conditions

PART NUMBER SELECTION

Sample Part No. H- 17 /12Vdc

Model
H-19
H-17

Coil Voltage _____
Blank = 26.5 Vdc
/12Vdc = 12 Vdc
/115Vdc = 115 Vdc