

## High Voltage Relays Quick Reference Guide

| Contact Voltage Vdc  | Isolation Voltage Vdc | Carry Current (Amps DC) | Power Switching | RF Ratings | Contact Form | Part Number Series |
|----------------------|-----------------------|-------------------------|-----------------|------------|--------------|--------------------|
| 270 Vdc<br>Aerospace | 2000                  | 5                       | Yes             | No         | SPST-NO      | AP5A               |
|                      | 2000                  | 5                       | Yes             | No         | SPST-NC      | AP5B               |
|                      | 2000                  | 5                       | Yes             | No         | SPDT         | AP5C               |
|                      | 2000                  | 10                      | Yes             | No         | SPST-NO      | AP10A              |
|                      | 2000                  | 10                      | Yes             | No         | SPST-NC      | AP10B              |
|                      | 2000                  | 10                      | Yes             | No         | SPDT         | AP10P              |
|                      | 2000                  | 15                      | Yes             | No         | SPST-Latch   | AP44P              |
| 28 Vdc to 1800 Vdc   | 1800                  | 5                       | Yes             | No         | SPST-NO      | PD5A               |
|                      | 1800                  | 5                       | Yes             | No         | SPST-NC      | PD5B               |
|                      | 1800                  | 10                      | Yes             | No         | SPST-NO      | PD10A              |
|                      | 1800                  | 10                      | Yes             | No         | SPST-NC      | PD10B              |
|                      | 1800                  | 10                      | Yes             | No         | SPST-Latch   | PD10P              |
| 2.0 kV               | 2000                  | 6                       | Carry Only      | Yes        | SPST-NO      | S06CBA             |
|                      | 2000                  | 15                      | Yes             | Yes        | SPDT         | K45C               |
| 3.0 kV               | 3000                  | 2                       | Carry Only      | No         | SPST-NO      | S02DNA             |
|                      | 3500                  | 8                       | Make Only       | No         | SPDT         | HC-5               |
| 3.5 kV               | 3500                  | 15                      | Yes             | Yes        | SPDT         | HC-3*              |
|                      | 3500                  | 25                      | Carry Only      | Yes        | SPDT         | HC-1               |
|                      | 5000                  | 8                       | Carry Only      | No         | SPST-NO      | S06FNA218          |
| 5.0 kV               | 5000                  | 30                      | Yes             | Yes        | SPST-NO      | K41A               |
|                      | 5000                  | 30                      | Yes             | Yes        | SPST-NC      | K41B               |
|                      | 5000                  | 30                      | Yes             | Yes        | SPDT         | K41C               |
|                      | 5000                  | 25                      | Yes             | Yes        | SPST-Latch   | K41P               |
|                      | 5000                  | 25                      | Yes             | Yes        | SPDT-Latch   | K41R               |
|                      | 5000                  | 35                      | Yes             | Yes        | SPST-Latch   | K40P               |
|                      | 7.0 kV                | 7000                    | 6               | Carry Only | Yes          | SPST-NO            |
| 7.5 kV               | 7500                  | 10                      | Make Only       | No         | DPDT         | KM-13              |
|                      | 7500                  | 10                      | Make Only       | No         | DPDT         | KM-17              |
| 8.0 kV               | 8000                  | 6                       | Carry Only      | No         | SPST-NC      | S06JNB             |
|                      | 8000                  | 8                       | Make Only       | No         | SPDT         | HC-6               |
|                      | 8000                  | 10                      | Yes             | Yes        | DPDT         | H-18               |
|                      | 8000                  | 12                      | Yes             | Yes        | SPST-NO      | K47A               |
|                      | 8000                  | 12                      | Yes             | Yes        | SPST-NC      | K47B               |
|                      | 8000                  | 15                      | Yes             | No         | SPDT         | HC-4               |
|                      | 8000                  | 25                      | No              | No         | SPDT         | HC-2               |
|                      | 8000                  | 50                      | Yes             | Yes        | SPST-Latch   | K44P               |

\*Consult factory for load switching level.

For factory-direct application assistance,  
dial 800-253-4560, ext. 2055, or  
805-220-2055.

**KILOVAC High Voltage Relays Quick Reference Guide** (Continued)

| Contact Voltage Vdc | Isolation Voltage Vdc | Carry Current (Amps DC) | Power Switching | RF Ratings | Contact Form | Part Number Series |
|---------------------|-----------------------|-------------------------|-----------------|------------|--------------|--------------------|
| 10 kV               | 10000                 | 5                       | Yes             | No         | SPST-NO      | S05LTA             |
|                     | 10000                 | 5                       | Yes             | No         | SPST-NC      | S05LTB             |
|                     | 10000                 | 5-30                    | Special         | No         | SPST-NO      | K81A               |
|                     | 10000                 | 5-30                    | Special         | No         | SPST-NC      | K81B               |
|                     | 10000                 | 5-30                    | Special         | No         | SPDT         | K81C               |
|                     | 10000                 | 25                      | Special         | Yes        | SPST-NO      | K43A               |
|                     | 10000                 | 25                      | Special         | Yes        | SPST-NC      | K43B               |
|                     | 10000                 | 25                      | Special         | Yes        | SPDT         | K43C               |
|                     | 10000                 | 24                      | Special         | Yes        | SPDT-Latch   | K43R               |
|                     | 10000                 | 24                      | Special         | Yes        | SPST-Latch   | K43P               |
| 12 kV               | 12000                 | 30                      | Yes             | Yes        | DPDT         | H-14               |
|                     | 12000                 | 30                      | Yes             | Yes        | DPDT         | H-16               |
| 15 kV               | 15000                 | 5                       | Yes             | No         | SPST-NO      | S05MTA             |
|                     | 15000                 | 12                      | Make Only       | No         | SPDT         | KC-15              |
|                     | 15000                 | 12                      | Make Only       | No         | SPDT         | KC-16              |
|                     | 15000                 | 15                      | Yes             | Yes        | SPDT         | H-8                |
|                     | 15000                 | 15                      | Yes             | No         | SPDT         | KC-14              |
|                     | 15000                 | 15                      | Yes             | No         | SPDT         | KC-18              |
|                     | 15000                 | 30                      | Yes             | No         | SPDT         | KC-12              |
|                     | 15000                 | 30                      | Carry Only      | Yes        | 4PDT         | H-26               |
|                     | 15000                 | 30                      | Yes             | No         | SPDT         | KC-8               |
|                     | 15000                 | 50                      | Carry Only      | Yes        | SPDT         | KC-2               |
| 20 kV               | 15000                 | 50                      | Carry Only      | Yes        | SPDT         | KC-11              |
|                     | 20000                 | 30                      | Special         | Yes        | DPDT         | H-19               |
| 25 kV               | 25000                 | 15                      | Make Only       | No         | SPST-NC      | KC-38              |
|                     | 25000                 | 18                      | Special         | No         | SPST-NO      | K62A               |
|                     | 25000                 | 18                      | Special         | No         | SPST-NC      | K62B               |
|                     | 25000                 | 18                      | Special         | No         | SPDT         | K62C               |
|                     | 25000                 | 30                      | Special         | Yes        | SPDT         | H-17               |
|                     | 25000                 | 30                      | Make Only       | No         | SPST-NO      | KC-28              |
|                     | 25000                 | 45                      | Special         | No         | SPST-NC      | KC-32              |
|                     | 25000                 | 55                      | Carry Only      | Yes        | SPST-NC      | KC-30              |
|                     | 25000                 | 65                      | Special         | No         | SPST-NO      | KC-22              |
|                     | 25000                 | 110                     | Carry Only      | Yes        | SPST-NO      | KC-20              |
| 30 kV               | 30000                 | 30                      | Special         | Yes        | SPST-NC      | H-23               |
|                     | 30000                 | 30                      | Special         | Yes        | SPST-NO      | H-24               |
| 35 kV               | 35000                 | 10                      | Make Only       | No         | SPDT         | K60C               |
|                     | 35000                 | 10                      | Make Only       | No         | SPST-NO      | K61A               |
|                     | 35000                 | 10                      | Make Only       | No         | SPST-NC      | K61B               |
|                     | 35000                 | 10                      | Make Only       | No         | SPDT         | K61C               |
| 50 kV               | 50000                 | 10                      | Make Only       | No         | SPDT         | K64C               |
|                     | 50000                 | 30                      | Special         | No         | SPDT         | H-25               |
| 70 kV               | 70000                 | 10                      | Make Only       | No         | SPST-NO      | K70A               |
|                     | 70000                 | 10                      | Make Only       | No         | SPST-NC      | K70B               |
|                     | 70000                 | 10                      | Make Only       | No         | SPDT         | K70C               |

\*Consult factory for load switching level.

For factory-direct application assistance, dial 800-253-4560, ext. 2055, or 805-220-2055.