

# Microswitch Kits for A+ Control Box



P/Ns: 60-9197227-000 and 60-9197228-000

Effective: August 2012  
B-87-024

## FEATURES

- For Use in Range Guard® Commercial Cooking Fire Suppression Systems

## DESCRIPTION

The Single SPDT Microswitch Kit includes a single pole, double-throw microswitch (Figure 1). The Dual SPDT Microswitch Kit includes two single pole, double throw (SPDT) microswitches (Figure 2). Included in the kit:

- Microswitch
- Pigtail assembly
- Mounting bracket and hardware (screws, lockwashers and hex nuts)
- Microswitch mounting hardware (screws, lockwashers and hex nuts)

The wire leads are 24-inches (610 mm) in length. One Single SPDT or one Dual SPDT Microswitch Kit can be mounted in the A+ Control Box.

These are used when it is necessary to open or close electrical circuits. Examples include, but are not limited to:

- Electric appliance shutdown
- Make up air shutdown
- Electric gas valve shutdown
- Shuntbreaker/relay

Electrical appliances usually have a higher amp rating than the microswitch. In this case, such appliances shall not be wired directly to the microswitch. A magnetic contactor or relay must be used.

For wiring the microswitches for the A+, refer to Figure 3.

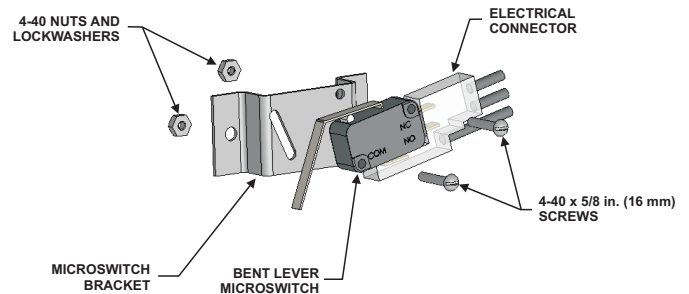


Figure 1. Single SPDT Microswitch Kit  
P/N 60-9197227-000

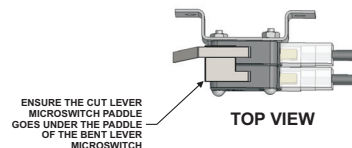
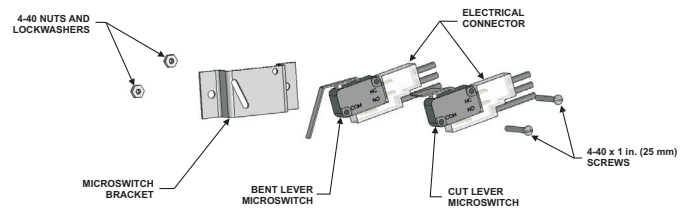


Figure 2. Dual SPDT Microswitch Kit,  
P/N 60-9197228-000

Table 1. Electrical Ratings

|                 |         |
|-----------------|---------|
| 125/250/277 Vac | 15 Amps |
| 125/250/277 Vac | 1/2 HP  |
| 125 Vdc         | 1/2 Amp |
| 250 Vdc         | 1/4 Amp |
| 120 Vac "L"     | 5.0 Amp |

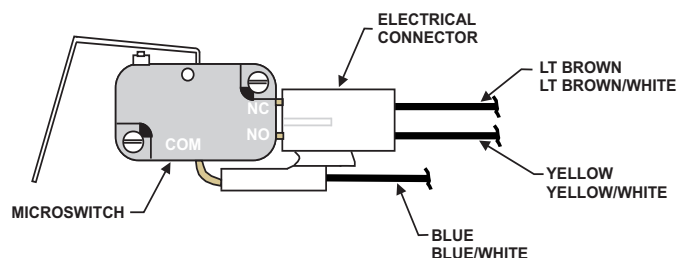


Figure 3. Microswitch Connection

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