



# SILENT KNIGHT

by Honeywell

## SK-5217 Zone Expander Installation Instructions

The following instructions are a quick reference guide, refer to the control panel installation manual for detailed system information.

The Model SK-5217 provides the SK-5208 with ten additional class B (style A) zones. The SK-5217 connects to the SK-5208 control panel via the SBUS as shown in Figure 1.

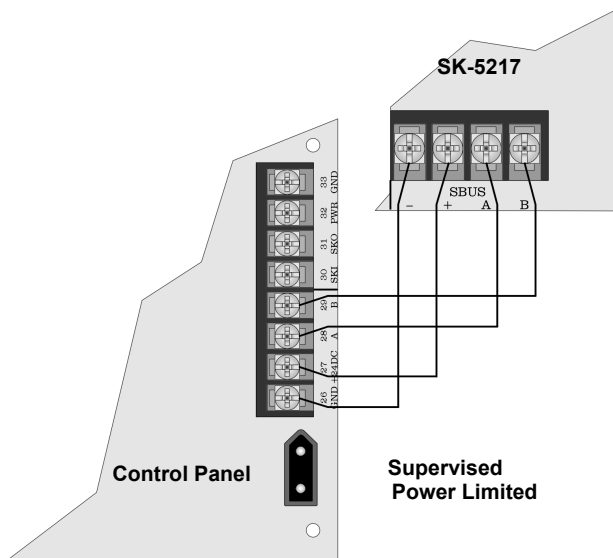


Figure 1: SBUS Connections

## Zone Inputs

Figure 2 shows how to wire the SK-5217. Use a 4.7k end of line resistor for each class B circuit. The EOL must be wired in parallel with the normally open contact farthest from the panel.

Maximum circuit Resistance - 50 ohms  
 Maximum Total alarm current  
 for all class B (style A) zones: 1 A  
 Maximum Standby Current per Zone:3.0 mA  
 Maximum Alarm Current per Zone:95 mA  
 Input Voltage: 17.5 –27.4 VDC  
 Standby Current: 60 Ma  
 Detector Compatibility ID:24J

For a list of compatible detectors, refer to the SK-5208 installation manual (PN 151240).

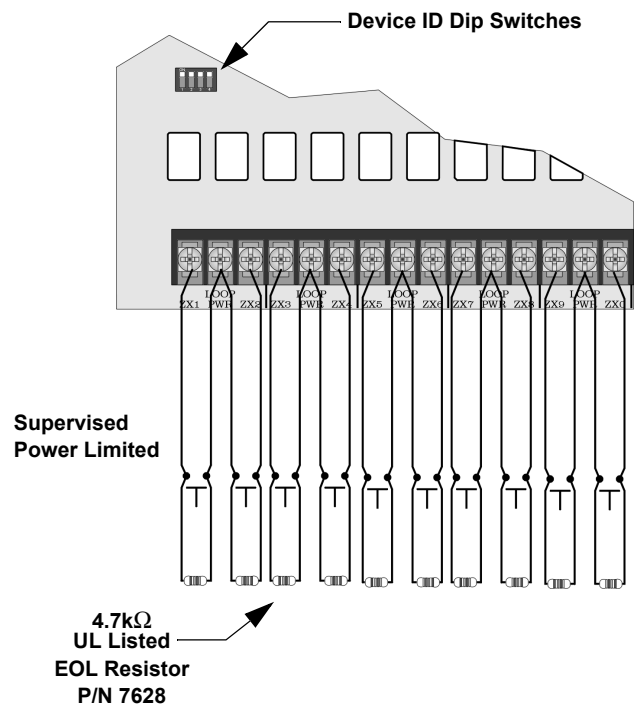


Figure 2: Model SK-5217 Class B Circuits

## Mounting Instructions

The SK-5217 into a metal bracket and standoffs in the SK-5208 cabinet or into SK-2190 accessory cabinet.

### Mounting the SK-5217 into SK-5208 Cabinet

Follow these steps to properly mount the SK-5217 zone expander into the SK-5208 cabinet:

1. Remove power from the control panel.
2. Mount the SK-5217 onto the standoffs and bracket located in the cabinet. See Figure 3.

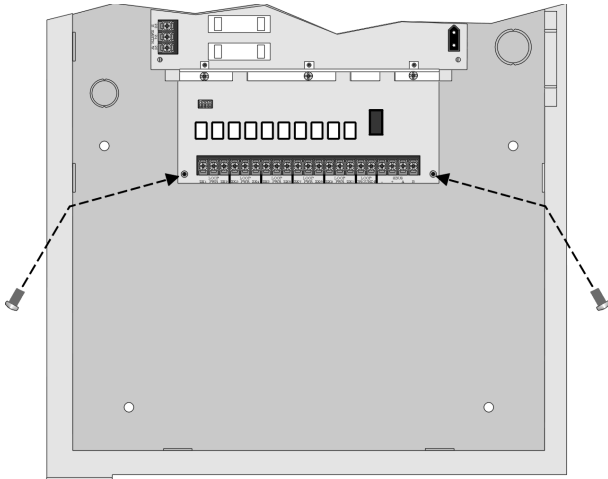


Figure 3: Installing the 5217 Into the 5208 Cabinet

3. Connect the SK-5217 to the SK-5208 control panel as shown in Figure 1.
4. Wire the zone inputs to the zone expander as shown in Figure 2.
5. Reconnect power to the control panel.

### Mounting the SK-5217 into the SK-2190 Accessory Cabinet.

Follow these steps to properly mount the SK-5217 zone expander into the SK-2190 cabinet:

1. Mount the remote cabinet using the cabinet mounting holes. See Figure 4.
2. Remove power from the control panel.
3. Mount the SK-5217 onto the standoffs and bracket located in the cabinet. See Figure 4.

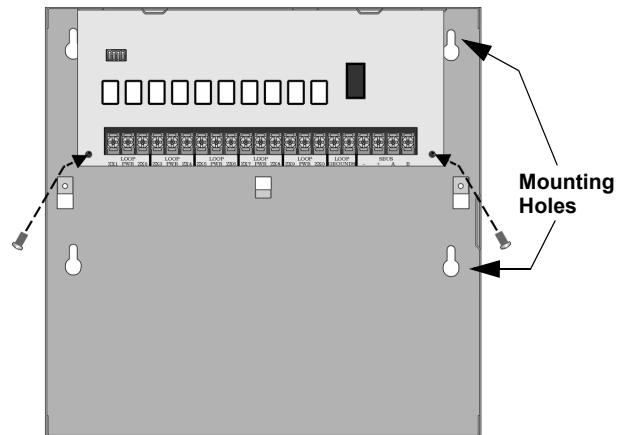


Figure 4: Model SK-5217 Remote Installation

4. Connect the SK-5217 to the SK-5208 control panel as shown in Figure 1.
5. Wire the zone inputs to the zone expander as shown in Figure 2.



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