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.

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).

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.
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.
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.
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.

Figure 3: Installing the 5217 Into the 5208 Cabinet

Figure 4: Model SK-5217 Remote Installation