SIEMENS

Installation Instructions
Model DB-X11RS
Detector Base

DB-X11RS
[RELAY BASE]

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+ TO NEXT DEVICE

REMOTE RELAY BASE
MODEL DB-X11RS

DO NOT USE AN
END OF LINE
DEVICE

TO INITIATING CIRCUIT
OF SIEMENS
INDUSTRY, INC.
CONTROL PANEL

5+

NO
C
NC

RELAY*
CONTACTS
3A, 120 VAC
3A, 30 VDC

6−

TO NEXT DEVICE

DO NOT USE AN
END OF LINE
DEVICE

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*THE RELAY CONTACTS ARE SHOWN IN THE NON-ALARM/SYSTEM RESET CONDITION.
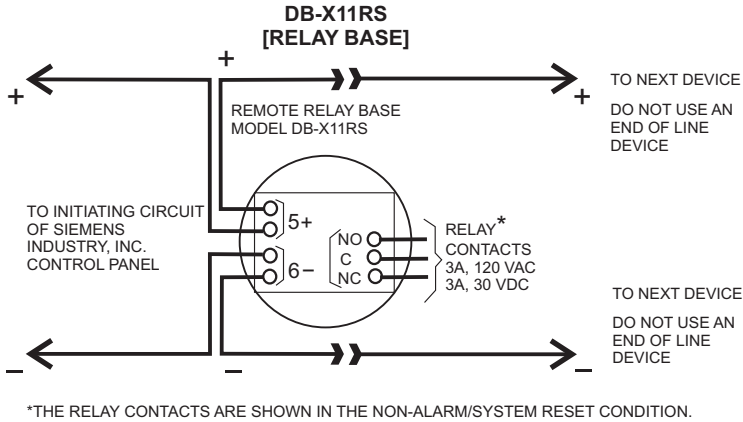
Figure 1
Installation/Wiring Diagram for DB-X11RS using
FP-11, FPT-11, FS-DP, FS-DPT, and FS-DT Detectors

DETECTOR AND BASE PLACEMENT

Detector and base locations shall follow the drawings provided or approved by Siemens Industry, Inc. or its authorized distributors. This is extremely important! The detector placements shown on these drawings were chosen after a careful evaluation of all facets of the protected area. When drawings are not available, refer to *Detector Placement* section of detector Installation/Wiring Instructions and to NFPA 72, National Fire Alarm Code, Chapter 5 and CAN/ULC-S524.
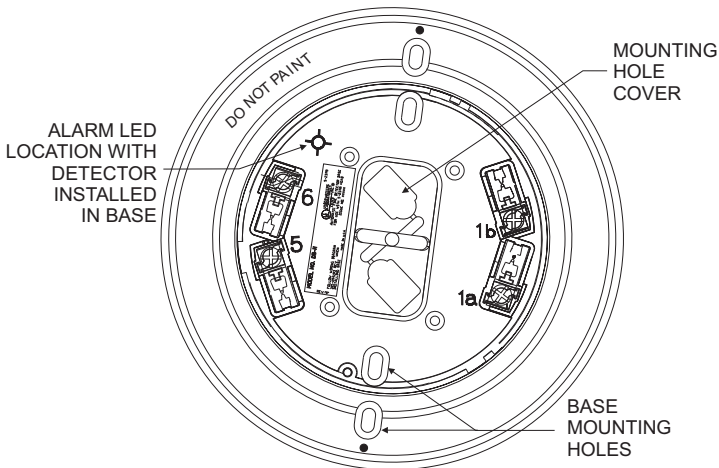
BASE WIRING

Detectors should be interconnected as shown in Figure 1 and wired to the control panel following the wiring connection drawing installed on the inside face of each control panel cover. Duplicate wiring information is also in the Installation, Operation, and Maintenance Manual provided with every control panel. **Note any limitations on the number of detectors and restrictions on the use of remote devices permitted for each circuit.**

DETECTOR MOUNTING USING THE DB-X11RS BASE

The detector is provided with a separate base which attaches to a standard 4 inch square or a 4 inch octagonal electrical box, with the box size and depth required by the NEC for the number and size of conductors used. Wire size: max – 14 AWG, min – 18 AWG.

Refer to Figure 2.

1. Route all wires outward from outlet box.

2. When the ALARM LED viewing is critical, position the LED mark in the base in the intended direction.

3. Route wires through the hole in the center of the base and mount base to outlet box. Make connections directly to the base terminals. Refer to Figures 1 and 2 for details.

4. After all bases are installed, check wiring integrity.

5. To insure proper installation of the detector head into the base:

   a. Route wires away from connector terminals.

   b. Take up all slack in the outlet box.

   c. Properly dress and position all wires flat against the base.

   d. Check that screw terminals are tight.

**Figure 2
Mounting the Base**