

D611 Key Switch Module Operation and Installation Instructions

Description

The D611 Key Switch Module is an accessory module which allows the D6112 or D4112 Control/Communicators to be armed and disarmed with a standard momentary Key Switch. The module also provides voltage outputs for "Armed Status" and "Summary Loop Status" LED indicators. Up to two D611's can be installed per D4112 Control/Communicator and up to four modules per D6112. Each D611 can support up to three Key Switch stations and their LED indicators.

Like the Command Centers, the D611 Key Switch module works as a separate device for the D6112 and D4112. The D6112 can have a maximum of 4 devices and the D4112 can have a maximum of 2 devices.

When used in conjunction with the Key Switch stations, the Command Centers (e.g. D420, D620, D626, D630, or 0636) can provide more information on faulted zones.

NOTE: When using a Command Center in conjunction with a Key Switch station, use reasonable caution when determining the location of the Command Center. The system can be armed and disarmed from the Command Center with passcode 3 8. So, to prevent unauthorized disarming of the system (via the Command Center), locate

the Command Center in a secure location or a reasonable distance away from the Entry/Exit doors.

If the Command Center, on the same system, has any messages in alarm memory, the green LED on the Key Switch station will go out. If there are no Command Centers, the green LED will *not* go out for alarm memory.

Installation

Affix The D611 To The Enclosure:

1. Insert the four plastic standoffs into the D611 module.
2. Remove the adhesive backing off the plastic standoffs
3. With the writing right side up, mount the D611 in the lower left side of the enclosure
4. Secure the D611 to the enclosure by applying pressure directly to the base of each plastic standoff.

Wire The D611 To The Control Panel:

The 4 wire connector (included) connects the D611 to the control panel. Plug the 4 wire connector into jack J1 on the D611 and connect the flying lead to the Control/Communicator as shown in Figure 1.

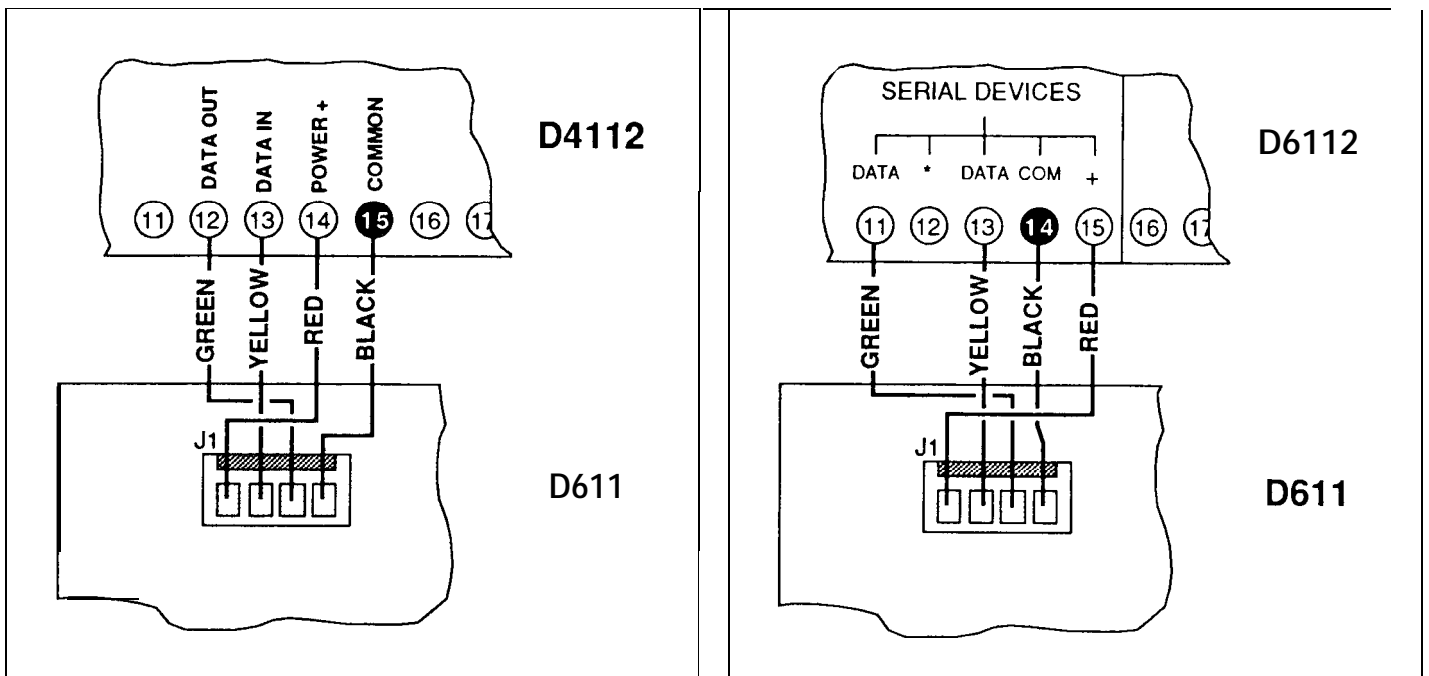


Figure 1: WIRING THE D611 TO THE CONTROL PANEL

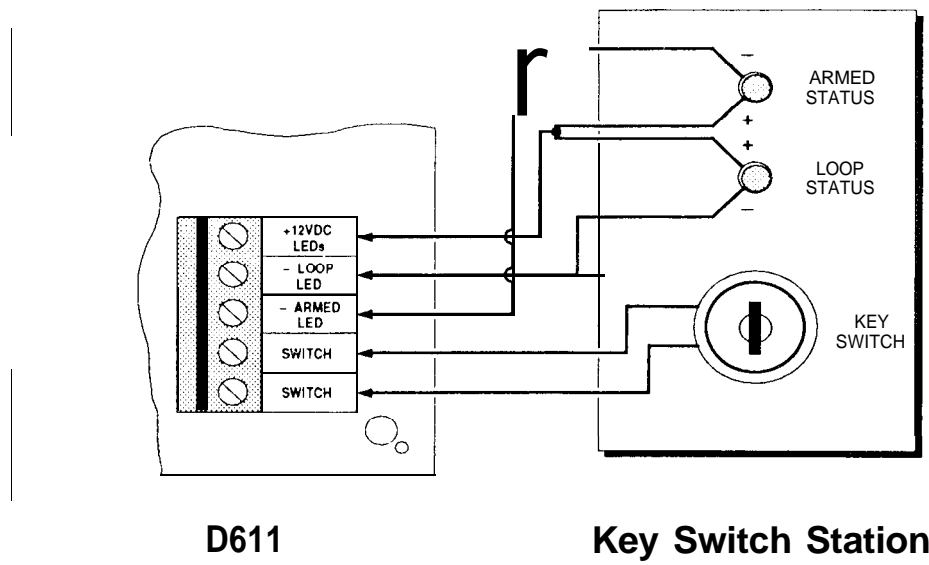


Figure 2: WIRING THE D611 TO THE KEY SWITCH STATION

Wire the D611 To The Key Switch Station:

Connect the Key Switch stations to the D611 as indicated in Figure 2. Multiple Key Switch stations should be wired in parallel, and wire runs between the D611 and all Key Switch Station should be limited to a combined maximum length of 1000feet. If the Key Switch stations are installed outside the protected premises they should be tamper protected.

Programming

If the Key Switch station is mounted outside of the protected premises the entry/exit times should be programmed for 0 seconds, or left blank. When connecting the D611 to the D4112, Product Handler 03.00 or higher must be used.

The D4112 and D6112 are programmed for Key Switch operation by programming the D611 Module as:

D4112 Programming:

<i>Device#Type</i>	Program as model 1.
<i>Passcode03</i>	Program as an 8.

D6112 Programming:

<i>4.2 D#Model</i>	Program as model 1.
<i>6.1 Comb3</i>	Program as an 8.

Operations

The D611 module arms and disarms the control panel whenever a momentary short is placed across the switch terminals. The module will only arm the system if all controlled zones are normal and the panel is not communicating with the central station.

The - Loop LED terminal provides ground from the D611 to the Loop Status LED on the Key Switch station

The - Armed LED terminal provides ground from the D611 to the Armed Status LED on the Key Switch station.

The +12VDC LED output from the D611 provides a positive voltage to power the Loop Status LED (normally green) and the Armed Status LED (normally red) on the Key Switch station. This terminal is a pulsed 12 VDC output, when metered with a volt-ohm meter the display will show 7.8 VDC.

Ground is switched for both of the LED outputs.

The Key Switch or momentary arming contacts are connected to the Switch terminals.

Specifications

Current Draw from Control Panel:
Idle: 27 mA (not connected to a key switch station)

Key Switch Station LEDs:
12V nominal required

Dimensions:
4" 5/8" L x 4" W x 5/8" H