

## D279A/D279AW Independent Zone Controls

The D279A and D279AW Independent Zone Controls can be used to arm and disarm a single zone or point of a control/communicator panel separately from the rest of the system. These Independent Zone Controls feature a user-programmable 4-digit passcode for arming and disarming, and a built-in panic function. Entry and exit delay times allow users to locate the Independent Zone Controls inside the protected area. If the D8112, D9112B1/D7212B1 Series, or 9000 Series is programmed for opening and closing reports, the D279A/D279AW can initiate opening and closing reports by zone. A 10-wire cable is shipped with the D279A/D279AW for interfacing the Independent Zone Control with the panel (4 wires), protective loops (3 wires), and on-board relay (3 wires).

Note: The D279A/D279AW is not supervised from the panel; UL Listed applications require arming device supervision.

### ■ System Overview

The D279A/D279AW allows a single zone of the 2000 Series, D4112, D6112, D9112B1/D7212B1 Series, D8112, and 9000 Series Control/Communicators to be armed and disarmed separately from the rest of the system. This zone is divided into 2 loops: 1 delayed and 1 instant. Sensors can be wired to these loops in series (normally closed) or in parallel (normally open). Both loops must be normal before the D279A/D279AW can be armed. When both the delayed and instant loops return to normal after an alarm, the D279A/D279AW is ready to detect another alarm.

### ■ Features

- Permits independent arming and disarming of a single control/communicator zone or point
- Four-digit, user-programmable passcode
- Built-in panic function
- Preprogrammed entry and exit delay times
- Individual annunciation of delayed and instant loop status
- Panic and burglary alarm signals to control/communicator
- Form "C" relay activation on alarm
- Keypad back-lights when number keys or the command bar are pressed
- Plug-in cable included for simple wiring to the control/communicator
- Low-profile surface mount enclosure

### ■ Planning

#### Mounting considerations

The D279A/D279AW can be mounted directly onto a wall, installed in a flush mount unit, or attached to a D55 Desk Stand (see the special installation instruction sheet that comes with each item). Avoid mounting the D279A/D279AW in a location exposed to direct sunlight. Direct sunlight makes the LEDs less visible and intense heat can damage the enclosure and electrical components.

#### Connection considerations

The wiring between the D279A/D279AW and the control/communicator is not supervised for trouble conditions. The wiring between the D279A/D279AW and remote sensing devices is supervised with end-of-line resistors.

### ■ Technical Specifications

<b>Auxiliary Relay Rating</b>	Form "C" contacts, 12 VDC, 2 amps maximum
<b>Compatible Panels</b>	9000 Series, 2000 Series
<b>Connections</b>	
Connections:	22 AWG (1.2 mm) or heavier gauge wire to connect the loops and control/communicator to the ten flying leads
Resistance:	5 ohms maximum resistance on common (four wires for common can be used, if needed, to reduce resistance) 20 ohms maximum resistance on all other runs between the D279A and the control/communicator
<b>Environmental Considerations</b>	
Relative Humidity:	5% to 85% at +30°C (+86°F) non-condensing
Temperature (Operating):	+32°F to +122°F (0°C to +50°C)
<b>Independent Zone Control</b>	
Dimensions (HxWxD):	4.56 in. x 8.15 in. x 0.816 in. (11.58 cm x 20.7 cm x 2.07 cm)
<b>Power Requirements</b>	
Current:	Keypad idle: 45 mA to 55 mA Keypad lit, buzzer on, both loops faulted, and relay activated: 104 mA
Voltage (Operating):	Nominal 12 VDC

## ■ Hardware Options

### D54B/D54C Flush Mount Kits



Back box and polished brass or stainless steel faceplates. Used with: D220A, D222A, D223A, D279A, D720, D1255, D1256, D1257.

**D54C: stainless steel, D54B: brass**

### D55 Desk Stand



Portable desk stand in smoke colored Plexiglas. Used with D220A, D222A, D223A, D279A, D720, D1255, D1256, D1257, D1260.

## D279A Independent Zone Control

Prod. ID

D279A



The D279A Independent Zone Control is off-white.

## D279AW Independent Zone Control

Prod. ID

D279AW



The D279AW Independent Zone Control is white.