

D279A Independent Zone Control

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Invented for life



- ▶ Permits independent arming and disarming of a single control panel zone or point
- ▶ Four-digit, user-programmable passcode
- ▶ Panic function
- ▶ Preprogrammed entry and exit delay times
- ▶ Individual annunciation of delayed and instant loop status

The D279A Independent Zone Control arms and disarms a single control panel zone or point separately from the rest of the system. It features a user-programmable four-digit pass code for arming and disarming, and a panic function. Entry and exit delay times allow users to locate the D279A Independent Zone Control inside the protected area. The D279A initiates the opening and closing of reports for each zone, assuming that the control panels are programmed for opening and closing reports and compatible with the device.

The D279A includes a ten-wire cable for interfacing with a control panel (four wires), protective loops (three wires), and on-board relay (three wires).



Notice

The D279A is not supervised from the control panel; UL Listed applications require arming device supervision.

System overview

The D279A arms or disarms a single zone on a compatible control panel separately from the rest of the system. This zone is divided into two loops: one delayed and one 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 can be armed. When the delayed and instant loops return to normal after an alarm, the D279A is ready to detect another alarm.

Installation/configuration notes

Compatibility Information

Control Panels D2212, D2412, D4112, D6112, D7212B1, D7412G, D7412GV2, D8112, D9112B1, D9412G, and D9412GV2

Mounting Considerations

The D279A mounts directly onto a wall, installs in a flush mount unit, or attaches to a D55 Desk Stand. Avoid mounting the D279A 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 and the control panel is not supervised for trouble conditions. The wiring between the D279A and remote sensing devices is supervised with end-of-line (EOL) resistors.

Technical specifications

Connections

Connections:	1.2 mm (22 AWG) or heavier gauge wire to connect the loops and control panel to the ten flying leads
Resistance:	5 Ω maximum resistance on common (four wires for common can be used, if needed, to reduce resistance) 20 Ω maximum resistance on all other runs between the D279A and the control panel

Environmental Considerations

Relative Humidity:	5% to 85% at +30°C (+86°F) non-condensing
Temperature (Operating):	0°C to +50°C (+32°F to +122°F)

Properties

Dimensions:	11.58 cm x 20.7 cm x 2.07 cm (4.56 in. x 8.15 in. x 0.816 in.)
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Power Requirements

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
Auxiliary Relay Rating:	Form C contacts, 12 VDC, 2 A maximum

Trademarks

Plexiglas® is a registered trademark of Arkema.

Ordering information

D279A Independent Zone Control

Off-white case. Arms and disarms a single control panel zone or point separately from the system.
Order number **D279A**

Accessories

D54B Brass Flush-mount Kit

Back box and polished brass faceplate.
Order number **D54B**

D54C Stainless Steel Flush-mount Kit

Back box and stainless steel faceplate.
Order number **D54C**

D55 Keypad Desk Stand

Portable desk stand in smoke colored Plexiglas.
Order number **D55**

D57 Single-gang Surface Mount Conduit Box

Surface mount box.
Order number **D57**

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