

1. • **Security/Monitoring**

1.1 **System Description**

1.1.1 **Multi-Zone Annunciator - ES625**

Multi-Zone Annunciators shall be provided for monitoring the status of certain security points as indicated on the plans. The modular multi-zone annunciator unit shall be designed to provide eight (8) zones of visual and audible status. The unit shall include the following features: Four (4) state EOL supervision, latching alarm, and zone shunt.

1.2. **Technical Specifications**

1.2.3. **Gang Zone Annunciator**

1.2.3.1 The Gang Zone Annunciator shall meet the following minimum specifications:

- Zones: Eight (8) zones.
- Alarm Input: N/C dry contact.
- Alarm Indication: High intensity red LED and tone.
- Alarm Output Global: Normally open (N/O) relay 500mA @ 30 VDC.
- Alarm Acknowledge: "ACK" pushbutton.
- Latching Alarm: Security point violation causes the zone LED to flash red, the audible to sound, and activates a global alarm contact. The unit remains in this mode until the alarm silences the audible and sets the flashing zone LED to a continuous state until the point is restored. Once the point is restored the LED is extinguished.
- Zone Shunt: Two position switch. Enables the user to shunt/bypass any selected zone. The zone LED illuminates green when shunted. All un-shunted zones operate normally.
- EOL Supervision: Line tamper activates audible sounder and amber tamper LED. Unit remains in this state until the condition is corrected.
- Supervisory Conditions: Four state monitoring; normal, alarm, open, and short.
- Sound Level: 70 dB @ 3 feet.
- Power Requirements: 12-24 VDC @ 200 mA.
- Trim Plate Finish: Painted aluminum, off white.
- Trim Plate Nomenclature: Standard: Silk screened text, gray lettering; Zone 1 - Zone 8.
- Mounting: Flush mount three (3) gang plate.
- Dimensions: 3 gang - 6.4" w X 4.6" h X 3" d.
- Back Box: Not included.

1.2.3.2 The Multi-Zone Annunciator is manufactured in the USA.

1.2.3.3 The Multi-Zone Annunciator shall be a Designed Security, Inc. Model ES625.