

24V Low Current Mini-Horn, Temporal Tone

VF4027-X0



Ordering Codes

VF4027-10	24V Low Current Mini Horn, Temporal Tone - Red Faceplate
VF4027-30	24V Low Current Mini Horn, Temporal Tone - Off-White Faceplate

Product Overview

The VF4027 Series mini-horn is a high quality remote signaling appliance that offers dependable remote annunciation. The VF4027 is listed for use with both filtered and unfiltered power. With the VF4027 a jumper is provided to select either the continuous tone or the temporal 3 evacuation tone.

The VF4027 can be used on the same sync circuit (VF4009 Series Control Module) as other VES signals. The VF4027 appliances are UL 464 listed for use with fire protective systems and are warranted for three years from the date of purchase.

NOTES Operating temperature - Indoor Use Only. Indoor: 32° to 120°F (0° to 49°C). The sound output for the temporal 3 tone is rated lower since the time the horn is off is averaged into the sound output rating. While the horn is producing a tone in the temporal 3 mode its sound pressure is the same as the continuous mode.

Standard Features

- UL 464 Listed
- Unit Dimensions: 4.48" High x 2.84" Wide x 0.5" Deep
- Jumper Selectable Temporal 3 or Continuous Tone on the VF4027
- Horn Frequency is 3100Hz
- Terminal Blocks (12 AWG to 18 AWG)
- Low Current Consumption
- Variety of Mounting Options for New Construction and Retrofit Applications
- To Synchronize the VF4027 use the VES VF4009 Series Control Module
- Textured Finish High Impact Plastic
- Faceplate available in Red or Off-White

Architect and Engineer Specifications

The alarm horns shall be VES Model VF4027. The appliance shall be listed with Underwriters Laboratories for use with Fire Protective Signaling Systems and produce a peak sound output of 90dBA or greater as measured in an anechoic chamber. The appliance shall be of solid-state construction and be polarized to operate from 8-33VDC with a 22mA current drain at 24VDC. The appliance shall be provided with 2 terminals, and mount to a variety of single-gang back boxes.

Horn Mode	Minimum dBA @ 10ft. per UL464 @ 24V	Reverberant dBA @ 10ft per UL464	In Anechoic Room dBA @ 10ft.
Temporal	81	78-86	90
Continuous	86	78-86	90

VF4027 Current Ratings

24 VDC	22 mA
24 VDC UL Max ¹	18 mA

¹ RMS current ratings are per UL average RMS method. UL max current rating is the maximum RMS current within the listed voltage range 16-33VDC for 24VDC units. For strobes the UL max current is usually at the minimum listed voltage 16VDC for 24VDC units. For audibles, the max current is usually at the maximum listed voltage.

