

VOICE EVAC SWITCH CARD

DESCRIPTION

The Voice Evac Switch Card, P/N 10-2661, is an optional component of Fike's Emergency Communication System. It provides a tabular based display that incorporates six (6) red "EVAC", six (6) red "Alert", six (6) red "PAGE Live", six (6) red "PAGE Repeat" LEDs, and eighteen (18) momentary touch-pad switches that allow you to manually initiate audio messages for up to six (6) audio zones. Each switch and LED can be programmed to provide control and status indication of individual or multiple speaker zones.

The card is designed to be mounted to the CyberCat® enclosures deadfront door panel. It communicates with the host fire alarm control panel via an RS485 peripheral bus connection.

SPECIFICATIONS

Operating Voltage Range: 15 – 30 VDC*
 Maximum Current: Alarm = 102 mA (all LEDs on)
 Standby = 48 mA (all LEDs off)
 Operating Temperature: 0 to 49° C (32 to 120° F), 93% RH
 Terminal Blocks: Accept 14 – 26 AWG
 Wiring Connections: All connections are supervised and power limited
 RS485 Wiring: 4000 ft. (1219 m) to last device, (96Ω) maximum, Belden 9841 or equal
 Card Dimensions: 3.75" (9.53 cm) W x 5.75" (14.6 cm) H
 Compatibility: CyberCat 254 and CyberCat 1016, firmware version 5.00 or higher. In order to properly mount the card inside the control panel enclosure, a deadfront enclosure must be used. Refer to the associated control panel manual for system enclosure options.

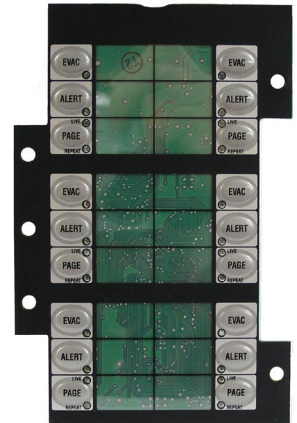
Note:

* Power for the card is provided via a separate power loop from the associated control panel or battery backed 24 VDC, regulated, power limited, power supply listed for fire protected signaling use.

ORDERING INFORMATION

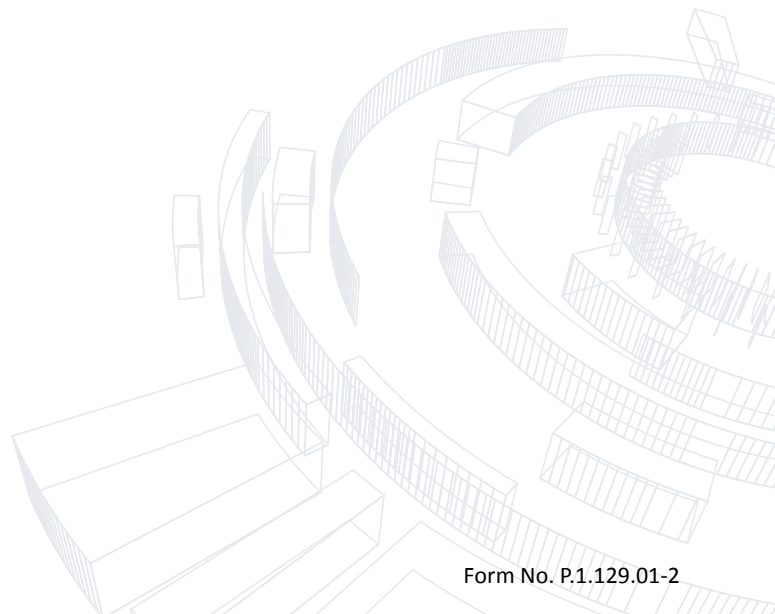
Fike P/N	Description
10-2661	Voice Evac Switch Card
02-12258	*6 inch Wiring Assembly
02-12259	*12 inch Wiring Assembly
02-12260	*30 inch Wiring Assembly

* For easy installation of Fike's interface modules (P/N 10-2660, 10-2659, 10-2658)



APPROVALS:

- UL - S3217
- FM - 3038846
- CSFM - 7165-0900:0137
- COA - #6063



OPERATION

The Voice Evac Switch Card allows the you to manually initiate the programmed Alert or Evacuation message for the selected zones. Activation of the voice evacuation system via the Voice Evac Switch Card shall override the automatic operation of the voice system. For example: If Zone 1 is currently broadcasting the programmed Alert message in response to a system event in an adjacent zone; the system operator can manually initiate the Evac message in the same zone by pressing the Evac switch for Zone 1 on the card. The card also allows you to manually select individual or multiple zone(s) for live paging.

The card provides controls and indicators for up to six (6) audio zones. The function of the controls and indicators provided on the card are described as follows.

- EVAC Switch:** Initiates the programmed Evacuation message in the selected zone(s). All amplifiers programmed to respond to Evac for the selected zone will broadcast the evacuation message to its connected speakers in response to switch activation. The associated LED will illuminate steady to indicate the active state of the switch.
- ALERT Switch:** Initiates the programmed Alert message in the selected zone(s). All amplifiers programmed to respond to Alert for the selected zone will broadcast the message to its connected speakers in response to switch activation. The associated LED will illuminate steady to indicate the active state of the switch.
- PAGE Switch:** Activates the amplifier(s) in the selected zone(s) for live paging via the system microphone or fire-fighter's telephones (local or remote). Pressing the switch once will select the zone(s) for live paging. The red Live LED associated with the switch will illuminate steady to indicate the active state of the switch. Pressing the switch twice will select the zone(s) for record and repeat paging. The red Repeat LED associated with the switch will illuminate steady to indicate the active state of the switch.

The record and repeat paging mode allows you to record a live message and send it to the selected zones amplifiers where it is stored in the amplifiers memory. The amplifier(s) will then continually repeat the recorded message until the Page switch is pressed again. Once pressed, the zone's amplifiers will return to automatic operation based on the current state of the zone.