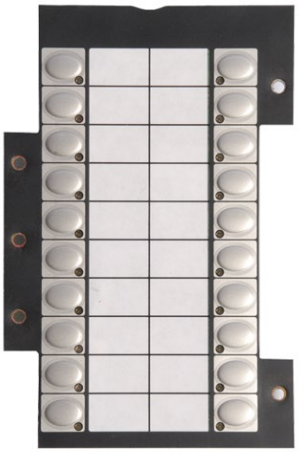
DATA SHEET

SUPPLEMENTAL FIRE PHONE CARD



DESCRIPTION

Fike's addressable firefighter's phone system allows up to 99 fire phone control modules, P/N 24-135, to be connected to the system. The Supplemental Fire Phone Card, P/N 10-2730, provides twenty (20) configurable switches that allow the system operator to selectively connect the fire phone control modules to the system's phone bus. This connection allows two-way communication between the master fire phone located in the Fire Command Center (FCC) and remote phones located throughout the building. Each switch is provided with an LED that when lit, indicates the connected status of the selected phone module.

The Supplemental Fire Phone Card must be used in conjunction with the fire phone card, P/N 10-2728. The card communicates with and receives its operating power (24vdc) from the host control panel via a ribbon cable connection with the fire phone card. Up to four (4) Supplemental Fire Phone Cards can be added to the system to suit your specific project requirements.

SPECIFICATIONS

Operating Voltage Range:	24 VDC* Regulated
Maximum Current:	Alarm 38 mA (all LEDs on) Standby 18 mA (all LEDs off)
Operating Temperature:	0 to 49°C (32 to 120°F), 93% RH
Wiring Connections:	All connections are supervised and power limited
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.

Note:
**Power for the card is provided via a ribbon cable connection to the fire-phone card.*

APPROVALS:

- UL - S3217
- FM - 3038846
- CSFM - 7165-0900:0137
- City of New York - #6063

ORDERING INFORMATION

Fike P/N	Description
10-2730	Supplemental Fire Phone Card
24-135	Intelligent Fire Phone Module
10-2765	Cable Assembly for Supplemental Fire Phone Cards
10-2728	Fire Phone Card (required for supplemental fire phone card operation)

Form No. P.1.128.01-1

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OPERATION

The Supplemental Fire Phone card allows you to manually connect remote fire phones to the voice evacuation systems fire phone bus. The card provides controls and indicators for up to twenty (20) fire phones. The function of the controls and indicators provided on the card are described as follows.

Normal Operation:	All fire phone card LEDs will be off.
Incoming Call Initiation:	An incoming call is initiated when a firefighter plugs a portable handset into a remote phone jack or an emergency telephone handset is lifted. An LED on the corresponding fire phone card will flash and the integral audible on the fire phone card (P/N 10-2728) will sound to signal the incoming call. The firefighter will hear a ringing tone in the handset until the call is connected.
Connecting and Incoming Call:	Press the corresponding switch on the fire phone card to connect the incoming call to the fire phone bus. After the call has been connected, the associated LED will illuminate solid to signal that the call has been connected and the integral audible on the fire phone card (P/N 10-2728) will silence. If the LED begins to flash red, a problem has occurred and the connection may be lost.
Additional Incoming Calls:	The associated LEDs will flash and the integral audible on the fire phone card (P/N 10-2728) will resound. You can either choose to connect the incoming call to the fire phone bus as previously described, or you can choose not to connect them. The fire phone bus allows you to connect a maximum of five (5) remote phones to the phone riser at one time in a party-line configuration.
Silence Switch:	By default, the last unused switch on the fire phone card(s) is designated as a Silence switch. For example: If the last fire phone module device address used is 72; then switch 73 on the fire phone card will be defaulted to audible silence. When pressed, the switch will silence the integral audible on the fire phone card. However, the LED indicating the incoming call will continue to flash until connected.

Form No. P.1.128.01-1, February 2012. Specifications are subject to change without notice.