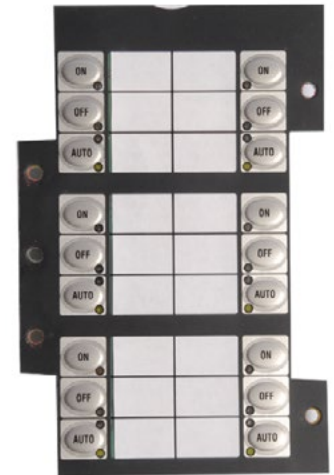


SMOKE CONTROL CARD

DESCRIPTION

The Smoke Control Card, P/N 10-2658, provides emergency response personnel with a simplistic means of verifying the status of and assuming control of the smoke control system. It provides 24 LEDs and 18 switches. Each group of three switches ("ON", "AUTO", and "OFF") are interlocked to provide individual operation of a single smoke control function. The interlock is under software control so only one switch in the group is active at a given time. Each switch can be individually configured to control up to twenty-five (25) addressable relays, which can be connected to individual smoke control components (i.e. dampers, fans, etc.). The "AUTO" switch or panel reset, when pressed, returns control of the smoke control system to the fire alarm control panel. Individual switch LEDs (ON – Green, OFF – Red, NORMAL – White, FAULT – Yellow) can be programmed to follow its related switch, programmed to follow the activation of a specific device or zone, or programmed to follow a panel event. The card mounts onto the system enclosure's dead-front door panel. Slide-in labels allow easy identification of switch functions. Communication between the host control panel and the card is accomplished via the panel's RS485 peripheral bus. 24 VDC power for the module is provided by the host control panel or booster power supply.



COMPATIBILITY

The card is compatible with Fike's CyberCat® 254 and 1016 control systems with firmware version 4.00 or higher.

SPECIFICATIONS

*Operating Voltage Range:	24 VDC regulated 15 – 30 VDC
Standby Current:	48 mA maximum (all LEDs off)
Alarm Current:	102 mA maximum (all LEDs on)
Operating Temperature Range:	0 to 49°C (32 to 120°F) 93% RH, non-condensing
Terminal Block:	Accepts 14-26 AWG
Wiring Connections:	All connections are supervised and power limited
RS485 Wiring:	Refer to compatible control panel manual for circuit specifications.
Card Dimensions:	Width = 3.75" (9.53 cm) Height = 5.75" (14.6 cm)
Mounting:	Secures to the deadfront panel with supplied mounting hardware

Notes:

* Power for the card is provided via a separate power loop from the associated control panel or battery backed 24VDC, regulated, power-limited, power supply listed for Fire Protective Signaling Use.

APPROVALS:

- UL - S2203
- FM
- City of New York - 6018
- CSFM - 7165-0900:0137



ORDERING INFORMATION

Fike P/N	Description
10-2658	Smoke Control Card
02-12258	*6 inch Wiring Assembly (RS485 and 24 VDC)
02-12259	*12 inch Wiring Assembly (RS485 and 24 VDC)
02-12260	*30 inch Wiring Assembly (RS485 and 24 VDC)

* For easy installation of Fike's interface cards

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