20 ZONE INPUT/OUTPUT (I/O) CARD

DESCRIPTION

The 20 Zone I/O Card, P/N 10-2659, provides emergency response personnel with 20 toggle switches (ON/OFF) and associated bi-color LED (red/yellow) that can be configured to initiate basic panel functions or to initiate emergency control functions (i.e. smoke control, emergency voice evacuation, mass notification, zone disable, etc.). Individual switch LEDs (red/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 card is provided by the host control panel or booster power supply.

COMPATIBILITY

The card is compatible with Fike's CyberCat 254 and 1016 control system with firmware version 4.00 or higher or 5.00 if used for voice evacuation.

SPECIFICATIONS

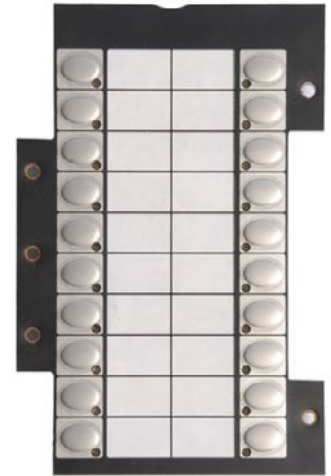|	
*Operating Voltage Range:	15 – 30 VDC
Standby Current:	51 mA (all LEDs off)
Alarm Current:	144 mA (all LEDs on)
Operating Temperature Range:	0 to 49°C (32 to 120°F)
	93% RH, Non-condensing
Terminal Blocks:	Accept 14-26 AWG
Wiring Connections:	All Connections are supervised and power limited
RS485 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.

ORDERING INFORMATION

Fike P/N	Description
10-2659	Twenty Zone Input/Output 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

APPROVALS:

- UL - S2203
- FM
- City of New York - 6018
- CSFM - 7165-0900:0137
  7170-0900:0148

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