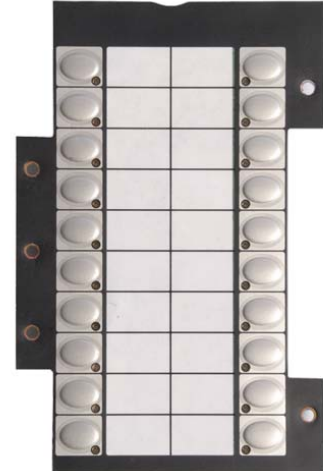# 20 ZONE USER INPUT/OUTPUT INTERFACE MODULE

DESCRIPTION

Fike's twenty zone user I/O interface module (Fike P/N 10-2659) is used with Fike's intelligent control systems to provide manual On-Off controls that are required for smoke control and other critical equipment associated with a fire alarm system. It also can be used to provide user configurable control inputs to the fire alarm system. This module is designed to be mounted in the dead front of the modular enclosures used with Fike's intelligent fire alarm panels. This module provides a tabular based format that incorporates twenty momentary touch-pad switches and twenty red/yellow bi-color LEDs to indicate equipment status. Communication between the intelligent control panels and interface module is via the RS485 peripheral bus.

COMPATABILITY

The twenty zone user I/O interface module is compatible with Fike's CyberCat 254 and 1016 control systems with firmware version 4.00 or higher.

SPECIFICATIONS

*Operating Voltage Range:	24VDC regulated
	15 – 30 VDC
Maximum Current:	Alarm: 140 mA (all LEDs on)
	Standby: 51 mA (all LEDs off)
**Operating Temperature:	0° to 49° C (32°to 120° F) 93% RH

Terminal blocks accept 14-26 AWG

All Connections are Supervised and Power Limited

RS485 Wiring:	4000 ft. (1219 m) to last device
	(96 Ω) maximum
	Belden 9841 or equal
Module 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 module 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.

** The useful life of the system's standby batteries and the electronic components may be adversely affected by extreme temperature ranges and humidity. Therefore, it is recommended that this component be installed in an environment with a nominal room temperature of 15-27° C / 60-80° F.

APPROVALS

- UL - S2203
- FM - 3032723
- COA - 6018
- CSFM - 7165-0900:137 (Non High-Rise)
  7170-0900:148 (High-Rise)

ORDERING INFORMATION

Fike P/N	Description
10-2659	Twenty Zone User Input/Output Interface Module
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)

Form No. P.1.117.01-1

(This page is left blank intentionally)