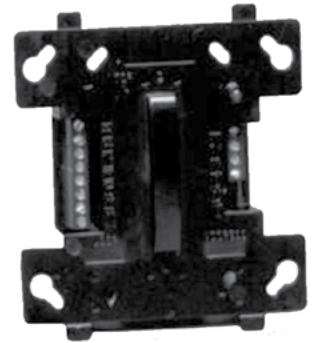


ZONE INTERFACE MODULE

DESCRIPTION

The Fike Zone Interface Module, P/N 55-055/55-060, is used with CyberCat® intelligent control panels as an interface between the control panel and two-wire conventional smoke detectors. It transmits the status (normal, open, or alarm) of one full zone of conventional detectors back to the control panel. IDC wiring may be connected in Class A or B configurations. All two-wire detectors being monitored must be UL compatible with this module. Refer to Fike's two wire detector compatibility document P/N 06-467 for compatible list of detectors. This module supervises the zone of detectors and the connection to the control panel. There is a LED indicator on the module to indicate current status of the device. The isolator version of interface module, P/N 55-060, provides complete short circuit isolation for NFPA 72, Class X wiring.



SPECIFICATIONS

Normal Operating Voltage:	15 to 30 VDC
Maximum Red LED Current Draw:	1.6 mA
Average Operating Current:	500 µA (LED flashing, 30 VDC, continuous broadcasts)
Maximum Alarm Current:	2.1 mA
EOL Resistance:	3.9K Ohms
Maximum IDC wiring resistance:	25 Ohms
IDC Supply Voltage (between terminals T7 and T8)	32 to 120°F (0 to 49°C)
Regulated DC Voltage:	24 VDC power limited
Ripple Voltage:	0.1 Volts RMS maximum
Current:	90mA per module*
Temperature Range:	32 to 120°F (0 to 49°C)
Humidity:	10% to 93% Non-condensing
Dimensions:	4.5"H x 4"W x 1.25"D (114mm H x 102mm W x 32 mm D)
Accessories:	3.9kΩ End of Line Resistor; Wall Cover Plate (included); Surface Mount Electrical Box
Mounting:	The module mounts directly to a 4-inch square electrical box with a minimum depth of 2 1/8 inches. For surface mounting, use 20-1346 surface mount box.

* The device supplies power through the supervisory line to the monitored devices.

APPROVALS:

- UL - S3217
- FM
- CSFM- 7300-0900:0150



ORDERING INFORMATION

Fike P/N	Mfg P/N	Description
55-055	55-055	Zone Interface Module, Non-isolator
55-060	55-060	Zone Interface Module, Isolator
Accessories		
20-1346	SMB500	Surface Mount Box, CB500
55-051	EA-CT	IR Tool
13-0192	C58-004-000	Cover Plate

TERMINAL DEFINITIONS

T1	(+) SLC in/out
T2	(-) SLC in/out
T3	(+) SLC in/out
T4	(-) SLC in/out
T7	(-) EXT Supply in/out
T8	(+) EXT Supply in/out
T9	(-) EXT Supply in/out
T10	(+) EXT Supply in/out
T11	(-) IDC Class A/B
T12	(+) IDC Class A/B
T13	(+) IDC Class A
T14	(-) IDC Class A

