

## INTELLIGENT PHOTO/HEAT SENSOR

### DESCRIPTION

The Photo/Heat sensor ( P/N 63-1053/63-1059) provides peer-to-peer digital protocol for reliable fast communications. The sensor has the ability to alarm from either or both different types of detection and includes a tri-color LED for instant indication of device status. Dual electronic thermistors add 135° F fixed temperature thermal sensing to the standard photoelectric sensor. Even though this is a dual sensing device, it only uses one address on the SLC loop. This device is capable of being programmed to activate as a supervisory event for the photo chamber and alarm for the 135°F fixed temperature heat.



### SPECIFICATIONS

Normal Operating Voltage:	15 to 30 VDC
Standby Current:	481µA max. @ 24 VDC (continuous broadcasts)
Alarm Current:	2 mA max. @ 24 VDC (LEDs on)
Humidity Range:	10% to 93% Relative Humidity, non-condensing
Temperature Range:	32°F to 120°F (0°C to 49°C); 63-1053/63-1059 32°F to 100°F (0°C to 38°C)
Heat Detector:	135°F Fixed Temperature Electronic Thermistor
Height:	2.1 inches (51 mm) installed in 63-1054 Base
Diameter:	6.1 inches (155 mm) installed in 63-1054 Base 4.1 inches (104 mm) installed in 63-1055 Base
Weight:	5.2 oz. (147 g)

### ORDERING INFORMATION

Fike P/N	Manf. Model No.	Description
63-1053		Photoelectric with Thermal - Non-isolator
63-1059		Photoelectric with Thermal - Isolator
<b>Mounting Bases</b>		
63-1054/63-1060*		6" Flanged Mounting Base
63-1055/63-1061*		4" Flangeless Mounting Base
02-10373	RMK400	Recessed Mounting Kit
20-1083	SMK400E	4" Flangeless Surface Mounting Kit
20-1084	A10-29-400	6" Flanged Surface Mounting Kit
63-1063		Relay Base
63-1064		Sounder Base
<b>Accessories</b>		
20-1085	F110	Retrofit Flange
02-3868	RA400Z	Remote LED Annunciator
20-1087	XR2B	Detector Removal Tool (20-1089 included)
02-4986	XP-4	Extension for 02-4985 (5-15 ft)
20-1089	T55-127-000	Detector Removal Head
20-1090	BCK-200B	Black Detector Kit
55-051		Configuration IR Tool

### APPROVALS

- UL - S911
- FM - 3021590 (isolator) 3023166 (non-isolator)
- MEA - 7-05-E
- CSFM - 7272-0900:139

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