

## INTELLIGENT PHOTOELECTRIC SENSOR

### DESCRIPTION

The photo sensor (P/N 63-1052/63-1058) provides peer-to-peer digital protocol for reliable, fast communications. The sensor includes a tri-color LED for instant indication of device status. An acclimate feature is defaulted ON to provide optimum fire detection response. This feature allows sensors to respond to a particular environment and its operating parameters are maintained within non-volatile RAM in the sensor. Dual Alarms (night and day sensitivity) with threshold settings between 1.3 - 3.6%/ft. Dual Pre-Alarms with threshold setting between 0.5 - 4.0% ft.



### 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); 63-1052/63-1058 32°F to 100°F (0°C to 38°C)
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
63-1052		Photoelectric Smoke Detector - Non-Isolator
63-1058		Photoelectric Smoke Detector - Isolator
<b>Mounting Bases</b>		
63-1054		6" Flanged Mounting Base - Non-Isolator
63-1060		6" Flanged Mounting Base - Isolator
63-1055		4" Flangeless Mounting Base - Non-Isolator
63-1061		4" Flangeless Mounting Base - Isolator
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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