

INTELLIGENT DUCT PHOTOELECTRIC SENSOR

DESCRIPTION

The photo sensor (P/N 63-1057/63-1062) 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:	360µA max. @ 24 VDC (continuous broadcasts)
Alarm Current:	7 mA max. @ 24 VDC (LEDs and relay active)
Humidity Range:	10% to 93% Relative Humidity, non-condensing
Temperature Range:	32°F to 120°F (0°C to 49°C); 63-1057/63-1062 32°F to 100°F (0°C to 38°C)
Weight:	5.2 oz. (147 g)

ORDERING INFORMATION

Fike P/N	Description
63-1057	Photoelectric Smoke Detector - Non-Isolator
63-1062	Photoelectric Smoke Detector - Isolator
63-1056	Eclipse Series Intelligent Duct Smoke Housing

APPROVALS

- UL - S4021
- FM - 3021590 (isolator) 3023166 (non-isolator)
- MEA - 7-05-E
- CSFM - 7272-0900:139

Form No. P.1.106.01-2

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