INTELLIGENT PHOTOELECTRIC DUCT SMOKE DETECTOR

DESCRIPTION

The Intelligent Photoelectric Duct, spot-type smoke detector, P/N 63-1057, utilizes sensing chambers that are designed to respond rapidly to a broad range of fires. The sensing chamber employs features that minimize the effects of settled dust on detector performance. The detector is designed with tri-color LEDs to indicate detector status. A remote LED annunciator, P/N 02-3868, is available as an accessory. It can be configured to follow the sensor LED operation or be independently controlled.

The duct detector is designed for use inside the 63-1158 duct housing only (refer to data sheet P.1.140.01). Do not use in open area applications. The duct housing is equipped with an integral base that allows quick twist-in, twist-out installation of the detector. This allows quick and easy cleaning or application changes with removing the duct housing.

FEATURES

- Operates over the control panels signaling line circuits (no separate power required)
- Can be configured for supervisory operation
- Continues sensitivity monitoring from the panel
- Twist-in/twist-out removal
- Tri-color LED for instant indication of device status
- Acclimate functionality
- Operating parameters maintained within non-volatile RAM
- Night and Day sensitivities (0.8 – 3.4% per foot)
- Dual Pre-Alarm thresholds (0.6 – 4.0% per foot)
- Walktest functionality
- Drift compensation functionality

APPROVALS:
- UL - S4021
- FM
- City of New York - 7-05-E
- CSFM - 7272-2010:0100

SPECIFICATIONS

Normal Operating Voltage:	15 to 30 VDC
Standby Current:	481µA max. @ 24 VDC (continuous broadcasts)
Alarm Current:	2 mA max. @ 24 VDC (LEDs active), both sensors
Humidity Range:	10% to 93% Relative Humidity, non-condensing
Temperature Range:	32 to 120°F (0 to 49°C)
Weight:	5.2 oz. (147 g)

ORDERING INFORMATION

Fike P/N	Description
63-1057	Photoelectric Duct Smoke Detector - Non-Isolator
63-1158	Eclipse Series Intelligent Duct Smoke Housing

(This page is left blank intentionally)