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

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

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<th>Fike P/N</th>
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<td>63-1057</td>
<td>Photoelectric Duct Smoke Detector - Non-isolator</td>
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<tr>
<td>63-1158</td>
<td>Eclipse Series Intelligent Duct Smoke Housing</td>
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APPROVALS:
• UL - S4021
• FM
• City of New York - 7-05-E
• CSFM - 7272-2010:0100