

INTELLIGENT ION SENSOR

DESCRIPTION

Ion sensors (P/N 67-033/67-034) 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. Dual alarms (day and night sensitivity) with threshold settings between 80-50 uAmps MIC are available. Dual pre-alarms with threshold settings between 100-40 uAmps MIC are also available. Configurable for acclimate, alarm verification, and drift compensation.



SPECIFICATIONS

Operating Voltage Range:	15 to 30 VDC
Max. Avg. Standby Current:	481 μ A @ 24 VDC (continuous broadcasts)
Max. Alarm Current (LED on):	2 mA @ 24 VDC (LEDs On)
Operating Humidity Range:	10% to 93% Relative Humidity, non condensing
Operating Temperature Range:	0° to 49°C (32° to 120°F)
Height:	2.1 inches (51 mm) installed in EBF Base
Diameter:	6.1 inches (155 mm) installed in EBF Base 4.1 inches (104 mm) installed in EB Base
Weight:	5.2 oz. (147 g)

ORDERING INFORMATION

Fike P/N	Manf. Model No.	Description
67-033		Ion Sensor - Non-isolator
67-034		Ion Sensor - Isolator
Mounting Bases		
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
Accessories		
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
- FM - 3022679

Form No. P.1.91.01-1

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