DATA SHEET

RELAY BASE

DESCRIPTION

The Relay Base, P/N 63-1063, provides a local dry contact relay output to any of Fike's intelligent plug-in detectors. The relay contacts can be used to control auxiliary functions. The base uses the same address and programming as the detector it is connected to. The bases integral relay can be configured to operate upon activation of a specific device, individual or multiple zones, or multiple events based on event priority settings. The base does NOT require an external 24 VDC power supply for operation. Operational power is obtained from the host control panel's signaling line circuit.

SPECIFICATIONS

Base Diameter:	6.85 in (17.4 cm)
Base Height (less detector):	1.61 in (4.1 cm) from ceiling
Weight:	0.4 lb. (181 g)
Operating Temperature Range:	Refer to applicable sensor operating temperature
Operating Humidity Range:	10% to 93% Relative Humidity, Non-condensing
Operating Voltage:	15 to 30 VDC
Standby Current:	170 µA
Set/Reset Time:	20 msec/250 msec
Mounting:	4-inch square, 4-inch octagon, 3-1/2 inch octagon, single gang and double gang electrical boxes
Relay Characteristics:	Coil: 2 coil latching Contact Type: 1 Form C

Current Rating	Maximum Voltage	Load Description	Application
2A	25 VAC	pf=0.35	Non-coded
3A	30 VDC	Resistive	Non-coded
2A	30 VDC	Resistive	Coded
0.46A	30 VDC	L/R=20ms	Non-coded
0.7A	70.7 VAC	pf=0.35	Non-coded
0.9A	125 VDC	Resistive	Non-coded
0.5A	125 VDC	Resistive	Non-coded
0.3A	125 VDC	pf=0.35	Non-coded

APPROVALS:

- UL - S911
- FM
- CSFM - 7300-0900:0146

ORDERING INFORMATION

Fike P/N	Mfg. Model	Description
Mounting Bases		
63-1063	EBR	Relay Base
Compatible Detectors		
63-1052	63-1052	Photo - Non-isolator
63-1058	63-1058	Photo - Isolator
63-1053	63-1053	Photo/Heat - Non-isolator
63-1059	63-1059	Photo/Heat - Isolator
60-1039	60-1039	Heat - Non-isolator
60-1040	60-1040	Heat - Isolator
67-033	67-033	Ion - Non-isolator
67-034	67-034	Ion - Isolator

Form No. P.1.100.01-3

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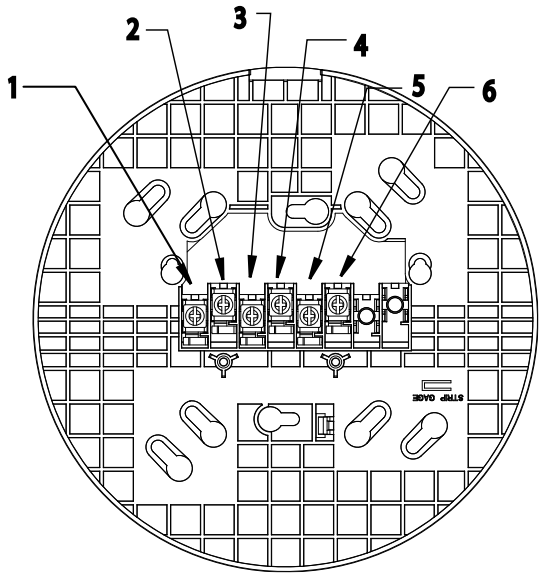
TERMINAL LAYOUT



TERMINAL DEFINITIONS

No.	Function
T1	Relay, Normal Closed
T2	Relay, Common
T3	Relay, Normal Open
T4	(-) SLC In/Out
T5	(+) SLC In
T6	(+) SLC Out

Form No. P.1.100.01-3, April 2014. This document shall not be used for installation purposes. Please refer to installation instructions applicable for each product.