

## 2455RA 01060033



### 2455A Series Heat Detection Thermostats

Actual product appearance may vary.

#### Features

Gold alloy contacts  
Epoxy-sealed cap  
Epoxy-sealed terminals

#### Potential Applications

Fire alarms  
Smoke detectors  
Security devices

#### Description

The 2450A Series are designed for use in both photoelectric and ionization type smoke detectors. The gold alloy contacts open or close on a temperature rise of 47 °C to 107 °C [117 °F to 225 °F]. They are epoxy sealed for long life and are available with or without heat collectors.

#### Supporting Documentation

None Available

Product Specifications	
Functional Properties	Close on rise
Reset Type	Automatic
Amperage	3.0 A
Voltage	120 Vac
Operating Temperature Range	47 °C to 107 °C [117 °F to 225 °F]
Environmental Exposure Range	0 °C to 150 °C [32 °F to 302 °F]
Open Temperature	35.0 °C [95 °F] min.
Close Temperature	57.2 °C [135 °F]
Close Tolerance	3.9 °C [7 °F]
Dielectric Strength	MIL-STD-202, Method 301; 2000 Vac 60 Hz - Terminal to Case
Insulation Resistance	MIL-STD-202, Method 302; Cond. B - 500 MOhm - 500 Vdc applied
Contact Resistance	MIL-STD-202, Method 307; 0.050 Ohm
Housing Material	Phenolic, epoxy seal cap and terminals
Contact Material	WE -1 gold alloy cross point
Approvals	UL
Mounting	Stepped aluminum cap
Series Name	2455RA