

# MB-240 | Conventional Detectors

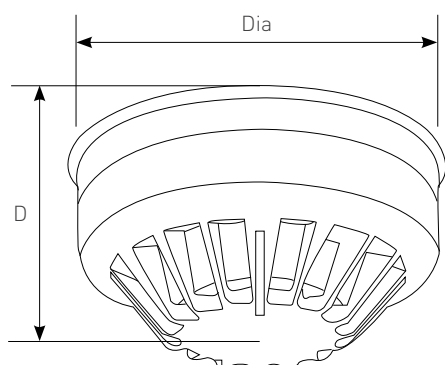
**MB-240** is an advanced multisensor smoke and heat conventional detector designed for the MB series of conventional fire alarm systems. Like the MB 220 smoke detector, it quickly detects fast, clean burning and smoldering fires while its heat sensors provide an additional layer of protection as they include an alarm threshold which improves the rejection of many factors that cause common false alarms with an additional alarm raised when temperature reaches 60°C or more.

## System Functionality:

- Operates on low current
- 360° view, red LED indicates alarm on
- Detects either a rapid increase in temperature, or when temperature reaches above 60° C or 92° C (depending on switch setting)

## Features & Benefits:

- Quick and simple to install, operate and service
- Removable detector chamber for cleaning
- Simple clean design
- Maintenance trouble notification
- Removable detector chamber
- Wiring via common mounting base
- Drift compensation
- Lock which opens only with special tool, to prevent unauthorized sensor removal



## Dimensions:

**Dia.** 101 mm | **D.** 33 mm | **D (Incl. Base).** 45 mm

Order Code:

MB-240



## Technical Specifications:

Code	MB-240
Description	Conventional Multisensor Smoke and Heat Detector, UQGS.S36306
Standards	UL268 6th edition, EN54-7, SII1220, TR TC EAC 043-2017

### Specification

Operating Voltage	15V dc to 30V dc
Voltage Waveform	Filtered DC, ± 1V max ripple at 120Hz
Standby Current (Average)	95µA
Surge Current (Max)	340µA
Alarm Current (Max)	Must be limited externally to 40mA
Start-Up Time	20 seconds
Heat Element Rating	60°C - 77°C - 92°C
Sensitivity	2.55 ± 0.33% /ft
Sensitivity Checker	Use no climb model TruTest (UL Listed)
Reset Time (Max)	2 seconds
Mounting Position	Ceiling at walls in open areas
Mounting Options	Conventional MB-300 detector base
Area Coverage	100m <sup>2</sup> (subject to local standard)
Indication	360° visibility light pipe

### Environmental

Environmental Operating Temperature	0 - 49°C
Humidity (Non-Condensing)	0 - 93% RH

### Physical

Construction	PC/ABS
Color	White
Weight	0.120 kg

### Compatibility

Suitable for Use With	MTech Conventional System
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