

MB-240 | Conventional Detectors

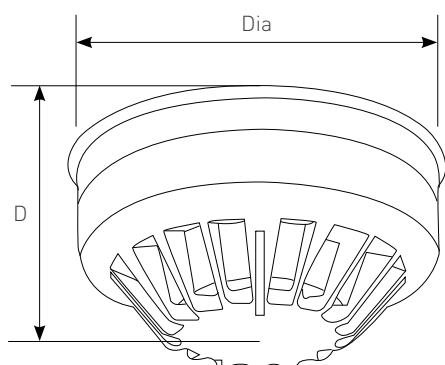
MB-240 is an advanced multisensor smoke and heat conventional detector designed for the MB series of conventional fire alarm systems. Like the MB 220 smoke detector, it quickly detects fast, clean burning and smoldering fires while its heat sensors provide an additional layer of protection as they include 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 ² (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 |
|-----------------------|---------------------------|

