



Cat. No.  
EPBMPB



Cat. No.  
WPBMPB

## Hazardous Location Heat Detectors

### Explosionproof & Weatherproof Models

### EPBMPB & WPBMPB Series

#### FEATURES

- > Rate-of-rise and fixed temperature models
- > Compact, simple design unaffected by vibration
- > Large terminals and wireways simplify wiring in open or concealed applications
- > No exposed metal parts carry current
- > All electrical contacts are all silver-clad
- > All metal parts are brass or aluminum, mounted on a durable, phenolic base

The EPBMPB, WPBMPB heat sensors are normally-open devices designed to close an electrical circuit upon activation. Sensors use dual action, electric fire detection thermostats that employ two independent methods of detection: rate-of-rise and fixed temperature. Models are available in configurations that include fixed temperature and combination rate-of-rise/fixed temperature sensors.

The WPBMPB Series Weather/Moisture Proof Heat Detectors consist of a cast metal box, gasket and special steel cover plate integrated with the sensor. A crossed wire guard is added for extra protection. The emerging wire points are sealed with epoxy, increasing resistance to moisture. The cast metal box has four wide entrances for 1/2" rigid conduit. The unit offers combined protection against weather and condensation in the conduit.

The EPBMPB Series Explosion/Moisture Proof Heat Detectors consist of a cast metal box, cover plate, moisture resistant gasket and a modified heat sensor. The back box has two opposing wire entrances threaded for 1/2-inch rigid conduit. The box, cover and base are precision machined for extremely close tolerance fit.

#### AGENCY APPROVALS

- > Designed to meet Class I, Div. 1, Groups C & D; Class II, Div 1, Groups E, F & G (EPBMPB Models only)
- > UL Listed
- > FM Approved
- > CSFM Listed
- > MEA Listed
- > ULC Listed

#### ORDERING INFORMATION

| Model                                  | Description                                     |
|--|---|
| <b>Explosion/moisture proof models</b> |   |
| EPBMPB501                              | Rate-of-rise and fixed temperature (136F & 58C) |
| EPBMPB502                              | Rate-of-rise and fixed temperature (190F & 88C) |
| EPBMPB503                              | Fixed temperature (136F & 58C)                  |
| EPBMPB504                              | Fixed temperature (190F & 88C)                  |
| <b>Weather/moisture proof models</b>   |   |
| WPBMPB501                              | Rate-of-rise and fixed temperature (136F & 58C) |
| WPBMPB502                              | Rate-of-rise and fixed temperature (190F & 88C) |
| WPBMPB503                              | Fixed temperature (136F & 58C)                  |
| WPBMPB504                              | Fixed temperature (190F & 88C)                  |

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