RESPONSE INDICATOR (24VDC)
Model No.: BT-RI100

Product Overview:

The BT-RI100 Response Indicator is a compact visual signaling device designed to provide remote alarm indication for smoke, heat, or multi detectors installed in inaccessible areas such as above false ceilings, inside rooms, shafts, and ducts. When the connected detector goes into alarm, the response indicator illuminates, allowing maintenance personnel to quickly identify the fire source location. The device is powered by 24V DC and features dual high-brightness LEDs for clear visibility.

Special Features:

- As per IS -2189 Standard.
- Dual high-intensity LEDs for clear visual indication
- Operates on standard 24V DC fire alarm circuits
- Low power consumption
- Built-in LED alarm indicator
- Designed for remote indication of detector alarm status
- Wall-mountable, aesthetic square plate design
- Long-life LED operation
- Easy installation with screw-mount plate
- Durable and fire-retardant housing
- Polarity-protected wiring terminals

Technical Specifications:

Operating Conditions:

- **Operating Temperature:** 0°C to 55°C
- **Storage Temperature:** –10°C to 60°C
- **Relative Humidity:** 0–95% RH (non-condensing)

Electrical Specifications:

- **Current Consumption:** ≤ 20 mA
- **LED Indication:** Dual Red LEDs
- **Wiring:** 2-wire connection (polarity sensitive)
- **Input Type:** From detector remote indicator output

Mechanical Specifications:

- **Dimensions:** Approx. 85 mm × 85 mm × 25 mm
- **Material:** ABS fire-retardant plastic
- **Mounting:** Wall-surface mount
- **Color:** White
- **IP Rating:** Ip30

Wiring Diagram:

Response Indicator Wiring Diagram (24VDC)