

## Signal Horn



**90dB at 1m** (BM-H Type)

**2 Channels**

**IP34** (BM-D Front Only)

**Ø30**

**NPN/PNP  
Open-collector**



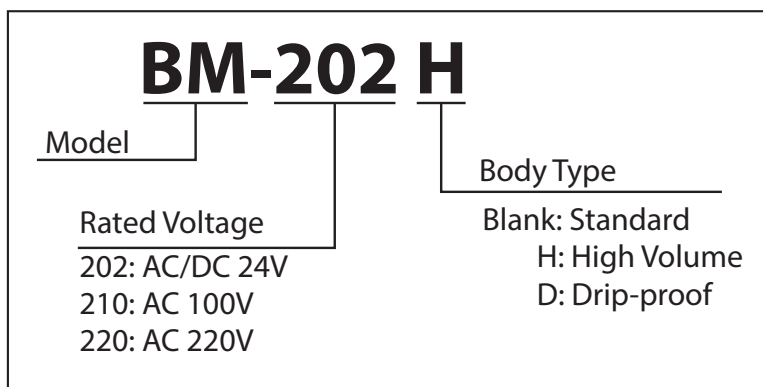
## Compact Signal Horn designed to integrate with control panel, switchboard and other production equipment applications.

### FEATURES

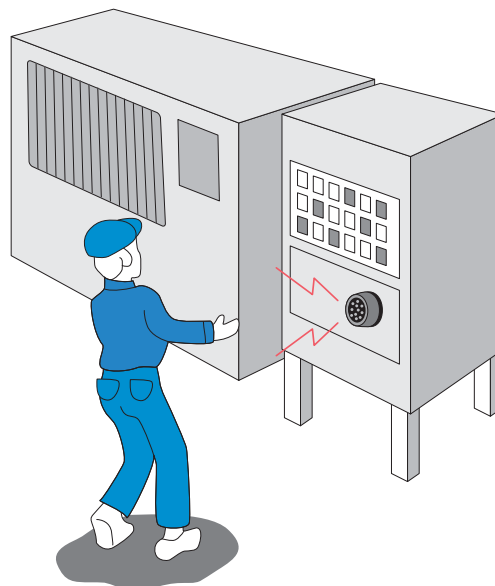
- Built-in Alarm with an audible sound of up to 90dB (at 1m\*1).
- Has two selectable alarm sound patterns.
- Three Types to choose from; Standard (BM), High Volume (BM-H), Drip-proof (BM-D)
- Body is compact and lightweight (100g).
- The 24V type is compatible with NPN and PNP inputs.
- Has the CE mark and conforms to the requirements for the EC directive. (For AC/DC 24V only.)

\*1 Model BM-H: 90dB (at 1m); Model BM: 85dB (at 1m); Model BM-D: 80dB (at 1m)

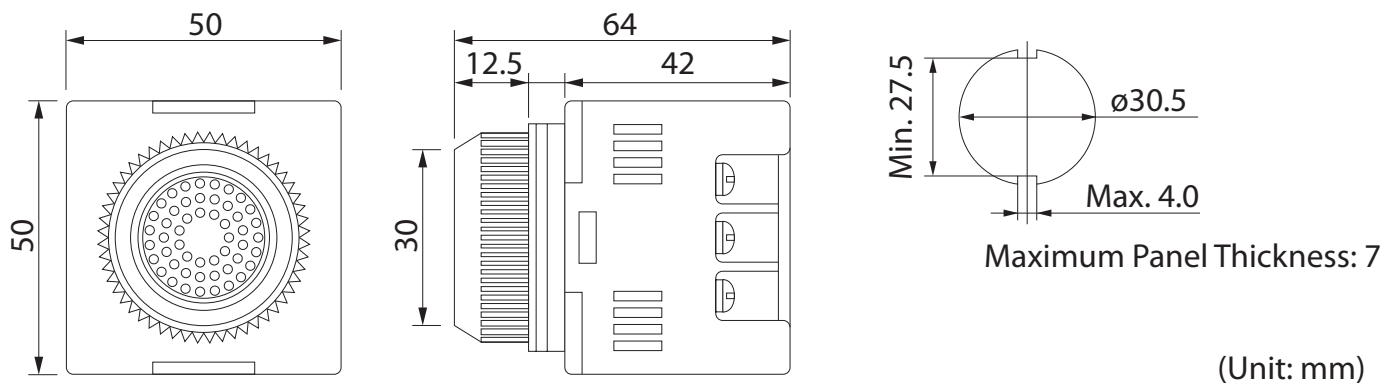
### How to Order



### Application Example

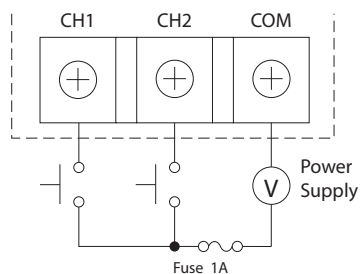


## Dimensions



## Wiring

Terminal  
Bus  
Input

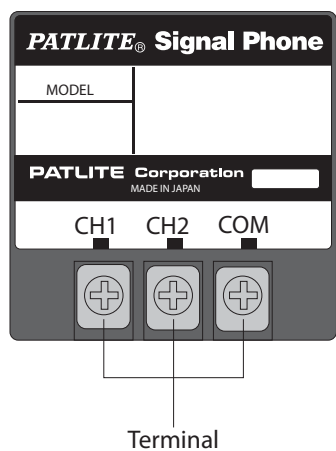


### • Channel Priority

CH1 > CH2

CH1 has priority when CH2 and CH1 are activated simultaneously

Rear View



|  |
|--|
| External Contact Capacity : No less than 100mA |
| Auxiliary Input : Voltage Contact              |
| Input Channels : 2                             |

## Specifications

| Type        | Model    | Rated Voltage | Voltage Range | Power Consumption | Max. Volume (at 1m) | Operating Temperature Range       | Protection Rating | Mass |      |
|-------------|----------|---------------|---------------|-------------------|---------------------|-----------------------------------|-------------------|------|------|
| Standard    | BM -202  | AC/DC 24V     | AC/DC 22V-26V | 0.4W              | 80dB                | -10°C - +60°C<br>(RH 85% or less) | —                 | 100g |      |
|             | BM -210  | AC 100V       | AC 90V-110V   | 2.5W              | 85dB                |                                   |                   |      |      |
|             | BM -220  | AC 220V       | AC 200V-240V  | 3.5W              |                     |                                   |                   |      |      |
| High Volume | BM -202H | AC/DC 24V     | AC/DC 22V-26V | 0.4W              | 85dB                |                                   |                   |      | 90dB |
|             | BM -210H | AC 100V       | AC 90V-110V   | 2.5W              |                     |                                   |                   |      |      |
|             | BM -212H | AC 120V       | AC 108V-132V  |                   |                     |                                   |                   |      |      |
|             | BM -220H | AC 220V       | AC 200V-240V  |                   | 3.5W                |                                   |                   |      |      |
| Drip-proof  | BM -202D | AC/DC 24V     | AC/DC 22V-26V | 0.4W              | 75dB                |                                   | IP34              |      |      |
|             | BM -210D | AC 100V       | AC 90V-110V   | 2.5W              | 80dB                |                                   |                   |      |      |
|             | BM -220D | AC 220V       | AC 200V-240V  | 3.5W              |                     |                                   |                   |      |      |