

# KMB Series

Ø65mm Alarm/Buzzer



## Models

KMB-P80A1(110VAC)  
KMB-P80A2(220VAC)  
KMB-P80D1(110 VDC)  
KMB-P80D2(12-24VDC)

KMB-N80A1(110VAC)  
KMB-N80A2(220VAC)  
KMB-N80D2(12-24VDC)

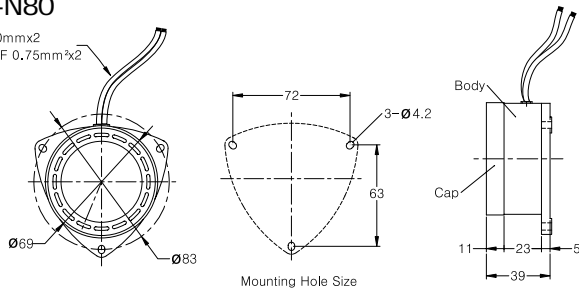
## Specifications

|                     |                               |
|---------------------|-------------------------------|
| Voltage             | 110, 220VAC                   |
|                     | 12, 24, 110VDC                |
| Current Consumption | Approx. 5W Max.               |
| Max. Output         | 1W (PEAK)                     |
| Sound Level         | 80 dB                         |
| Protection rating   | IP40                          |
| Alert type          | AC: Continuous Buzzer         |
|                     | DC: Electronic - Flashing LED |
| Driving torque      | 0.8N·m (8.16kgf·cm)           |
| Recommended wire    | Copper wire 14-16 AWG         |

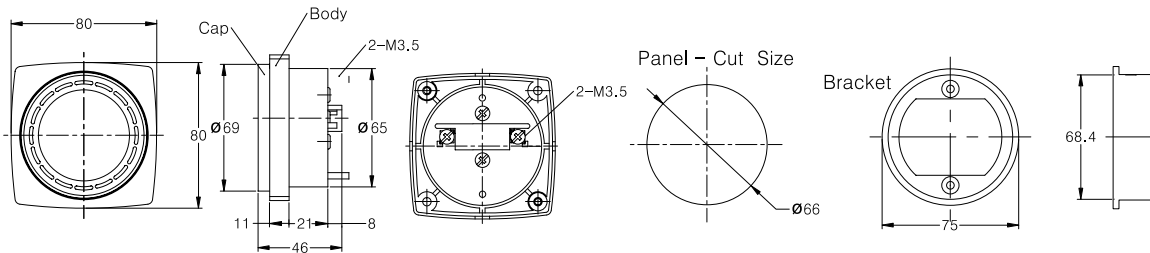
## Dimensions

### KMB-N80

Wire Length : 200mm×2  
Lead Wire : VCTF 0.75mm×2



### KMB-P80



## Precautions

- DC electric buzzer has a contact in series with the inductive load coil. Therefore, its life is limited, and it may cause disturbance to other devices due to its noise. Installing a noise filter at the power can prevent the noise. If the EMI level of other devices is low, using an electronic buzzer is desirable.
- The external impact may change the tone.

# HRE Series

Ø150mm Bell



## Models

HRE-S90A1 (110VAC)  
HRE-S90D4 (24VDC)

HRE-S90A2 (220VAC)  
HRE-S90D2 (12VDC)

## Specifications

|                     |                       |
|---------------------|-----------------------|
| Voltage             | 110, 220VAC           |
|                     | 12, 24VDC             |
| Current Consumption | Approx. 5W Max.       |
| Max. Output         | 1W (PEAK)             |
| Alarm Sound Level   | 90 dB                 |
| Protection rating   | IP40                  |
| Sound type          | Striking Vibration    |
| Recommended wire    | Copper wire 14-16 AWG |

## Dimensions

### HRE-S90

