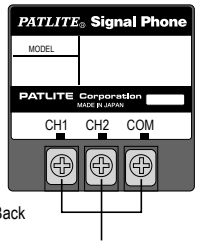
BM

BM type <standard type>
BM-H type <maximum volume type>
BM-D type <Splash resistant type>

D type only



Sound pressure 90dB (BM-H type) | IP34 (BM-D type) | CE (only 24V) | 30φ

The BM Series features a compact design with a 30mm diameter speaker, comes loaded with 2 distinct tones with a 90dB sound output.

- Ultra-small, lightweight, audible with up to 90dB sound output
- 2 built-in sound tones to suitable for emergency alarms
- Up to 90dB sound output at 1m
- Designed for indoor mounting on a wall up to 7mm thick
- Can be operated by switching on/off power to the unit
- NPN/PNP types

Channel	Channel 1	Channel 2
Tone	Intermittent Buzzer	Continuous Buzzer

Specification

Model		Rated Voltage	Operating Voltage Range	Power Consumption	Sound Pressure Level	External Contact Capacity	Operating Temperature Range	Contact Input Method	Playback Channel	Protection Rating	Mass
Standard type	BM-202	24V AC/DC	24V AC/V DC (±10%)	0.4W	Maximum 80 dB (at 1m)	100mA or more	-10℃ to +60℃ (humidity 85% or less)	Power supply input method	2	IP30 (only the front)	0.1kg
	BM-210	100V AC	100V AC (±10%)	2.5W	Maximum 85dB (at 1m) 990 - 1228Hz						
	BM-220	220V AC	220V AC (±10%)	3.5W							
Maximum volume type	BM-202H	24V AC/DC	24V AC/V DC (±10%)	0.4W	Maximum 85 dB (at 1m)						
	BM-210H	100V AC	100V AC (±10%)	2.5W	Maximum 90dB (at 1m) 3803- 4715Hz						
	BM-220H	220V AC	220V AC (±10%)	3.5W							
Splash resistant type	BM-202D	24V AC/DC	24V AC/V DC (±10%)	0.4W	Maximum 75 dB (at 1m)					IP34 (only the front)	
	BM-210D	100V AC	100V AC (±10%)	2.5W	Maximum 80dB (at 1m) 990- 1228Hz						
	BM-220D	220V AC	220V AC (±10%)	3.5W							

(Note) The indicated sound pressure level is at maximum volume and the actual level may be lower than the indicated sound pressure level due to tone and voltage fluctuations.
*When using multiple units, there may be variation in the playback sound even when started simultaneously with the tone.

Model Code

BM-220D

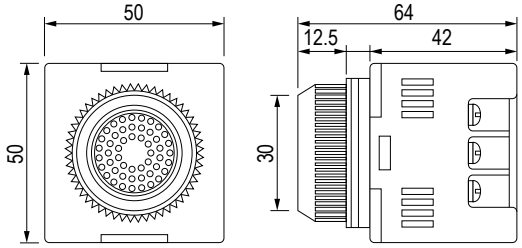
Model
Rated Voltage

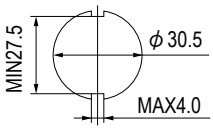
202	24V AC/DC
210	100V AC
220	220V AC

Specification

Blank	Standard type
H	Maximum volume type
D	Splash resistant type

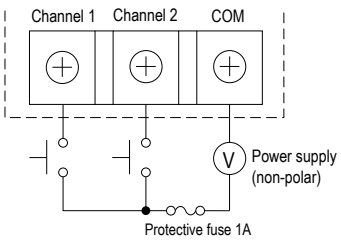
Dimensions (mm)





Board thickness = t; 7mm or less
Open with a φ30.5mm hole if the tab is not necessary.

Wiring Diagram



■Tone order of priority
Channel 1 > Channel 2
*If multiple signals are input simultaneously, it will prioritize Channel 1.