

HW1Z-P1F2PQ4R

ILLUMINATED BUZZER Ø22MM, RED 12-24VDC IP65

HW SERIES > ILLUMINATED BUZZER WITH PILOT LIGHTS



FEATURES

- Combination buzzer and pilot light
- Easy wiring and tight installation places
- Lamp and buzzer functions are integrated
- Panel front IP65
- **Installing an optional terminal rubber boot upgrades the terminal's to IP54**
- Complies with the new EU elevator safety standard

APPLICATIONS

- Semi-outdoor applications
- Waterproof requirements for fireman's elevator
- Automatic Storage
- Production lines
- Automatic guided vehicle systems (AGV)
- Control Station

SPECIFICATIONS

Part No. (Illuminated Buzzer)	HW1Z-P1F2PQ4R
Part No. (Optional Terminal Rubber Boot)	HW9Z-CZ1
Illumination Color	Red
Rated Insulation Voltage	30V
Rated Voltage	12 to 24V DC
Voltage Range	10.8 to 26.4V DC
Rated Current (effective value)	18mA (24V DC), 8mA (12V DC)
Inrush Current	Max.100mA

Buzzer

Sound Pressure (of HW1Z itself) (at 25°C) 12VDC	84dB min. at 0.1m 64dB min. at 1m
Sound Pressure (of HW1Z itself) (at 25°C) 24VDC	90db min. at 0.1m 70dB min. at 1m
Sound Frequency (at 25°C)	2,200 to 2,450Hz
Sound Type	Intermittent sound
Intermittent Cycle (at 25°C)	105 cycles/minute approx. (1.75Hz approx.)

Illumination

Illumination Type	Flashing
Flash Cycle (at 25°C)	105 cycles/minute approx. (1.75Hz approx.)
Operating Temperature	-20 to +50°C (no freezing)
Operating Humidity	20% to 85% RH (no condensation)
Storage Temperature	-30 to +80°C (no freezing)
Insulation Resistance	100MΩ minimum (at 500V DC megger)
Dielectric Strength Between live and earthed metal parts	1000V AC, 1 minute
Vibration Resistance	Operation extremes: 5 to 55Hz, amplitude 0.5mm Damage limits: 5 to 55Hz, amplitude 0.5mm
Shock Resistance	Operation extremes: 100 m/s ² Damage limits: 1,000 m/s ²

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SPECIFICATIONS	
Degree of Protection	Panel front: IP65 (IEC 60529) Terminal: IP40 (IEC 60529) IP54 (with terminal rubber boot) (IEC 60529)
Terminal Style	Push-in Terminals
Applicable Wire	Solid wire/ferrule (without sleeve): 0.2 to 1.5 mm ² Ferrule (with sleeve): 0.2 to 0.75 mm ²
Weight (approx.)	17g
Standards	UL508, EN60947-5-1

DIMENSIONS

