Agni Instruments Engineers India Private Limited

WALL MOUNT ELECTRONIC HOOTER CUM SOUNDERS

AGNI - 408

Product Application & Overview

Fire alarm Hooter notification devices by Agni Instruments Engineers India Private Limited operate as active alarm appliances for a conventional fire alarm system. When a fire condition is detected, the control panel activates these devices to generate audible fire alarm sound turn On & Off Waves Signals for occupant alerting and evacuation guidance.

Available device types include electronic Hooter cum sounders alarm units, delivering output sound pressure levels typically in the 85–95 dB range to ensure compliance with life safety audibility requirements.

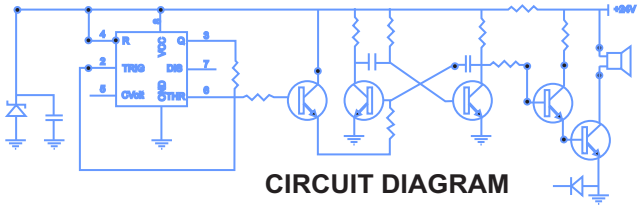
These appliances are powered and controlled through Notification Appliance Circuits (NAC) 24DC enabling synchronized activation panel-based supervision, and zone-level fire location identification. Their application is critical for achieving effective evacuation timelines and Compliance With Fire safety code requirements for audible emergency notification.

Standards Compliance

Conforms with (IS 2189 / EN 54-5-7 / NBC) for hooter unit with or without strobe / audio / alarm / visual combination devices it should be with mounted the top of the unit between 80 and 96 inches (ideally. 2.0 to 2.4 meters 2200 or 2400) above the floor, and not more than 4 Inches from the ceiling.

PHYSIC & MECHANICAL PARAMETER	
Enclosure	ABS - Acrylonitrile Butadiene Styrene High Strength Plastic
Max tolerated humidity	95% RH
Protection Category	Type A - Indoor Use / Rating IP21C
Dimensions	Height- 115.0 mm / Width – 115.0 mm / Depth – 115.0 mm
Body Color	STD RED
Net Weight	(376 g)
Shipping Weight	(420 g) (Gross weight with packing)
Accessories	Ceiling mount clamp & ring
Order Info	AGNI-409 WALL MOUNT SPEAKER CUM HOOTER

SYSTEM ELECTRICAL PARAMETER	
Operating Voltage	24v Dc (±6%).
Nominal Dispersion	120˚ (H) X 40 ˚(V)
Long-Term Power Handling	8Ω, 4 W (5W peak)
Maximum current	195 mA
Sound Frequency	520 Hz Signal (±10%).
Maximum SPL @1m	85 to 95 dB SPL
Sound Pattern	Fire Alarm 0.30s on/0.30s Off Pulsing Wave Tone
Oper. Temperature	-2ºC to + 78ºC



CIRCUIT DIAGRAM

CE
EN 54-5-7
IS 2189
ERTL / NABL

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