

INTRODUCTION

Annunciation of faults plays an important role in any type of industry. Audible alarms are used to alert operators and other personnel in case of fault so that a corrective action can be initiated. ESD has developed a versatile Hooter for this very purpose. Various choices are available to select between normal hooters, hooters with LED annunciation, Hooters with accept push button and Dome type hooters.

Specs. / Model	Hooter	AV Hooter	Power Hooter	Dome Hooter
Audio Output	80 dB		120 dB	
Audible distance	100 mts		200 mts	
Size	96 x 96 x 80		144 x 144 x 120	
Visual Indication	--	5 LED's	--	Dome
Accept P. B	--	Inbuilt	--	External

PRINCIPLE OF OPERATION

The supply to the hooter is connected through a relay (inside a controller on an alarm annunciator). Thus, when the relay is activated, the supply is connected to the hooter. The solid state oscillator circuit inside the hooter is activated which drives the speaker to provide audio output.

COMMON SPECIFICATIONS

Power Supply : 230 V AC, +10%, 50 Hz with earth
 Relative humidity : Less than 90% non condensing
 Ambient temp : 0 to 55°C
 Enclosure : Mild steel CRCA sheet with powder coating
 Termination : Screwed type suitable for 2.5 mm² wire

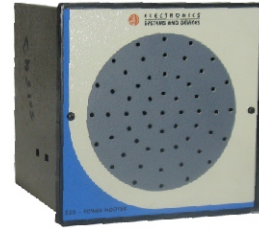
FEATURES

- ✓ Audible distance 100 / 200 meters.
- ✓ 60 / 80 / 120 dB sound level adjustable with inbuilt volume control.
- ✓ Flush panel mounting / Wall mounting
- ✓ Dust and Vermin proof enclosure
- ✓ Maximum MTBF and minimum MTTR
- ✓ Designed for continuous duty cycle.
- ✓ Maximum MTBF and minimum MTTR
- ✓ Provision for Accept Push button

SPECIFICATIONS

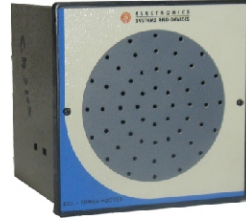
Hooter 72

Output sound level : 60 dB (adjustable by inbuilt volume control)
 Audible distance : 80 meters
 Front facia : 72 x 72 mm
 Panel cutout : 68 x 68 mm
 Depth : 105 mm
 Power consumption : 6 VA



Hooter 96

Output sound level : 80dB (adjustable by inbuilt volume control)
 Audible distance : 100 meters
 Front facia : 96 x 96 mm
 Cutout : 92 x 92 mm
 Depth : 105 mm
 Power consumption : 6 VA



Hooter with accept push button

Accept push button : Inbuilt

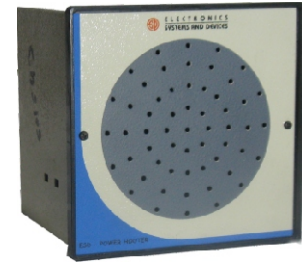
AV Hooter

LED indication : 5 nos. of 3mm flashing RED LEDs
 Accept push button : Inbuilt accept push button



Power hooter

Model : Power hooter
 Output sound level : 120 dB (adjustable by inbuilt volume control)
 Audible distance : 200 meters
 Front facia : 144 x 144 mm
 Cutout : 138 x 138 mm
 Depth : 145mm
 Power consumption : 15 VA



Dome type hooter

LED indication : 50mm diameter flashing dome
 Mounting : Wall

ORDERING INFORMATION

Hooters

- 1 - Hooter 72
- 2 - Hooter 96
- 3 - Hooter with accept push button
- 4 - AV Hooter**
- 5 - Power hooter
- 6 - Dome type hooter

Power supply

- 1 - 230 V AC**
- 2 - 110 V AC
- 3 - 24 V AC
- 4 - 24 V DC
- 5 - Other

Ordering eg. AV hooter - 1

- Hooters - AV hooter (4)
 Power supply - 230V AC (1)

ALSO SELECT
ESD ...

BACK END

- ✓ Controllers
- ✓ Scanners with Controllers

SAME RANGE

- ✓ Window Type Alarm Annunciators
- ✓ Mimic Type Alarm Annunciators

FRONT END

- ✓ Automation Panels
- ✓ PLC



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