

# INDUSTRIAL SIRENS AND SOUNDERS

## Buzzers and Horns



### HPT



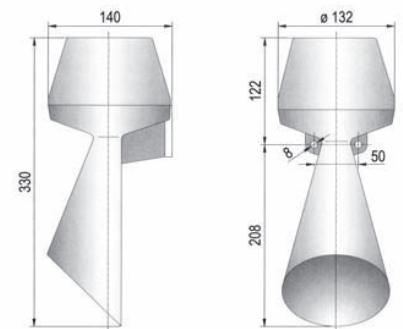
- Electromechanical horn
- Impact resistant synthetic housing
- Wide choice of voltages in AC and DC
- IP55



#### Specifications:

Sound output:	108dB @ 1m
Duty cycle:	Continuous
Protection:	IP55
Temp rating (°C):	-20 to +50
Cable entry:	cable gland 7-10mm
Mounting:	with sound outlet down
Construction:	ABS
Weight:	0.8Kg

Order Code	Voltage	Current
JA712100004	12VDC	1.0A
JA712100005	24VDC	600mA
JA712100008	48VDC	500mA
JA712100009	60VDC	250mA
JA712100010	110VDC	200mA
JA712100013	220VDC	100mA
JA712100104	12VAC	2.0A
JA712100105	24VAC	1.2A
JA712100107	42VAC	600mA
JA712100108	48VAC	500mA
JA712100109	60VAC	400mA
JA712100110	110VAC	200mA
JA712100113	230VAC	100mA



Dimensions in mm

### HMA121



- Electronic horn/bell with 5 commonly used electro-mechanical sounds with 3 stage alarm
- Accurately reproduces electro-mechanical horn and bell sounds
- Automatically synchronises on multi-sounder systems.\*
- High sound output (up to 121dB @ 1m)
- IP66



#### Specifications:

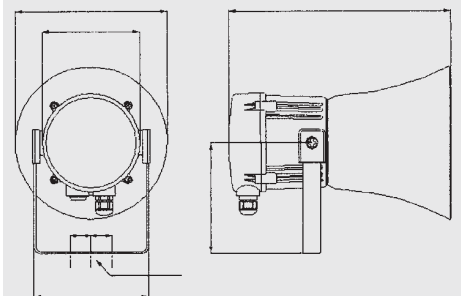
Sound output:	121dB @1m at nominal voltage
Sound frequency:	5 Tones selectable by DIP switches (2nd and 3rd stage by terminals)
Protection:	IP66
Temp rating (°C):	-25 to +55
Rating:	Continuous
Cable entry:	2 x M20
Construction:	Flame retardant ABS, UV stabilized

Order Code	Voltage	Current	Weight
ESS8210	24VDC	1.0A	2.5kg
ESS8220	110VAC	600mA	3.0kg
ESS8230	230VAC	500mA	

\*synchronization only occurs when sounders are connected to the same power supply

#### Tones

Tone	Description	Stage 1	Stage 2	Stage 3
1	Industrial hooter (klaxon)	Tone 1	Tone 3	Tone 5
2	Trumpet horn - medium note	Tone 2	Tone 1	Tone 5
3	Trumpet horn -high note	Tone 3	Tone 1	Tone 5
4	Buzzer	Tone 4	Tone 2	Tone 5
5	Bell	Tone 5	Tone 1	Tone 2



Dimensions in mm