GPH3/GPH4 Alarm Horn - Buzzer



The GPH series are low profile, high output, 110dB(A) alarm horns designed as a maintenance free, reliable alternative to solenoid type devices.

The GPH3 is a surface mount version with back box, the GPH4 is a flush mount variant for use in panel mount applications or for use with standard 4" back boxes. Featuring a realistic simulated buzzer sound the GPH, with its low current consumption and high SPL in a robust, fire retardant housing, is suitable for all general signalling applications.

Features

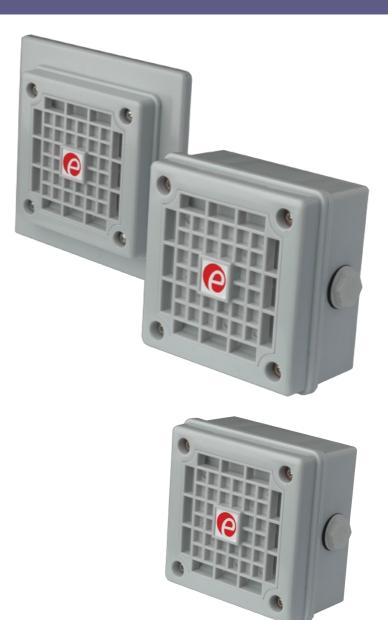
- Automatic synchronisation on multi-sounder system.
- Continuously rated.
- Stainless steel fixings.

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• Duplicate cable terminations (in & out for daisy-chain installations).

Approvals

• UL & cULus approved: General signalling use.



Specification

Nominal output:	110dB(A) @ 1m +/- 3dB [101dB(A) @ 10ft/3m]	
No. of tones:	3	-
Stage switching:	DC voltage via negative AC voltage via live supply	-
Volume control:	On board potentiometer	-
Voltages DC:	10-30V dc/ac	-
Voltages AC:	40-260V dc/ac	-
Ingress protection:	GPH 3: IP66 (UL Type 4/4X/13) GPH 4: IP54 (UL Type 13/3R) Housing material:	0 1
Colour:	Grey (RAL7038)	
Cable entries:	2 x M20 clearance	-
Terminals:	22 – 12AWG (0.5-3mm²)	-
Operating temp:	-25 to +55°C [-13° to +131°F]	-
Storage temp:	-40 to +70°C [-40° to +158°F]	-
Relative humidity:	90% at 20°C [68°F]	-
Weight:	0.40kg/0.88lbs	-
*SPL data +/-3dB(<i>k</i> voltage	A). Measured at optimum	-
Tones:		-
Tone 1	Electro-mechanical type Buzzer tone	
Tone 2	1200/500Hz @ 1Hz - DIN / PFEER P.T.A.P.	
Tone 13800/1000Hz @		-

7Hz

Part Codes

Version	Part code:	
GPH 3S surface m	iount:	
10-30V dc/ac	GPH 3SEDC024G	
40-260V dc/ac	GPH 3SEAC230G	
GPH4F flush mo	unt:	
10-30V dc/ac	GPH4FEDC024G	
40-260V dc/ac	GPH4FEAC230G	

act UL94 Current Consumption

Current Consumption					
Version:	Voltage:	Current :			
10-30V dc/ac	12V dc	52mA			
10-30V dc/ac	24V dc	105mA			
40-260V dc/ac	48V dc	42mA			
10-30V dc/ac	12V ac 50/60Hz	115mA			
10-30V dc/ac	24V ac 50Hz	215mA			
40-260V dc/ac	48V ac 50/60Hz	68mA			
40-260V dc/ac	115V dc	16mA			
40-260V dc/ac	230V dc	8mA			
40-260V dc/ac	115V ac 50/60Hz	36mA			
40-260V dc/ac	230V ac 50/60Hz	18mA			

Tone table

S 1	Description	S 2
T 2	1200/500Hz @ 1Hz - DIN / PFEER P.T.A.P.	Τ1
Т 3	800/1000Hz @ 7Hz Sweeping	Т 2

5 May 2019 No liability is accepted for any consequence of the use of this document. The technical specification of this unit is subject to change without notice due to our policy of continual product development. All dimensions are approximate. This unit is sold subject to our standard conditions of sale, a copy of which is available on request.