

IMCOS-6811 Loudspeaker up to 30 watt



Overview

IMCOS-6811 is a watertight horn loudspeaker suited to public address announcement applications.

Incorporated stainless steel screws, ensuring a corrosion free product and unit's weatherproof capability.

Type approved by marine class societies: ABS, BV, CCS, DNV, GL, LR, RINA.

Features

- Reentrant type horn loudspeaker
- ABS material
- 30 watt maximum power
- 100V line transformer / 8Ω options
- Six different tap levels
- Self-resetting fuse to keep audio line working in case of short circuit
- Fitted with type 316L stainless steel fixtures
- Ingress protection IP66
- Colour RAL 9010

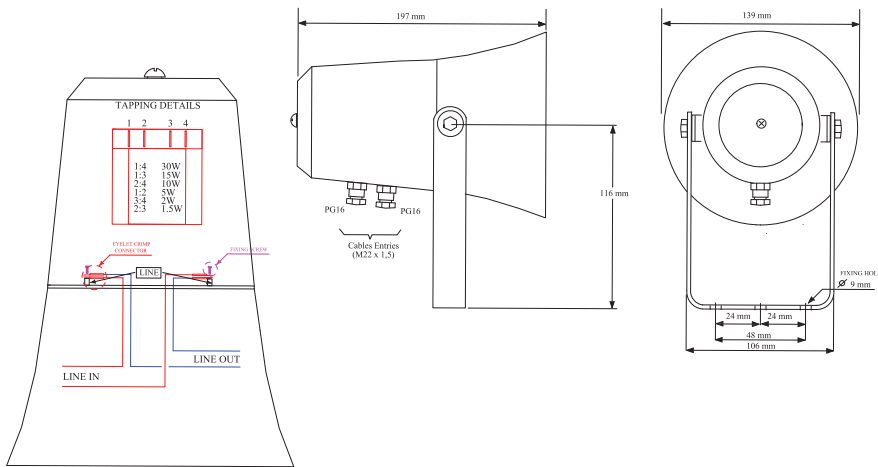
Certifications

Test certifications	
Dry heat cycle	EN 60068-2-2
Damp heat cycle	EN 60068-2-30
Cold test	EN 60068-2-1
Salt mist	EN 60068-2-52
Enclosure protection	EN 60529
Compass safe distance	EN 60945
Sinusoidal vibration	EN 60068-2-6
Safety	EN 60065-1

Specifications

Material	ABS. Colour RAL 9010	
Mounting	Type 316L stainless steel bracket	
Cable glands	Two PG16 screwed connections	
Ingress protection	IP66	
Weight	1.3 Kg	
Power	30 W	
Max/min temperature	-40°C to +70°C	
Effective frequency range	410-8000 Hz	
Dispersion (-6 dB) 1000/4000 Hz	150/45 Degrees	
Impedance	100 V transformer / 8Ω, completed with internal fuse	
Nominal tapping (secondary coil)	Tapping	SPL 1m
	2:3 = 1,5W	105 dB
	3:4 = 2,5W	107 dB
	1:2 = 5 W	111 dB
	2:4 = 10 W	114 dB
	1:3 = 15 W	117 dB
	1:4 = 30 W	119 dB

IMCOS-6811 general arrangement drawing(all dimensions in mm)



Ordering requirements

The following code is designed to help in selection of the correct unit. Build up the reference number by inserting the code for each component into the appropriate box.

Model	Impedance						
IMCOS-6811							
	<table border="1"> <thead> <tr> <th>Impedance</th> <th>Code</th> </tr> </thead> <tbody> <tr> <td>100V Line</td> <td>100</td> </tr> <tr> <td>8 Ohm</td> <td>8</td> </tr> </tbody> </table>	Impedance	Code	100V Line	100	8 Ohm	8
Impedance	Code						
100V Line	100						
8 Ohm	8						

All specifications, dimensions, weights and tolerances are nominal (typical) and Gitiessse reserve the right to vary all data without prior notice. No liability is accepted for any consequence of use.

IMCOS™ System is type approved by seven marine class societies.