zenitel

DATASHEET



3006100043

DST -100

100 W Driver Unit for DH-50 Horn

- 100 W high-power driver unit
- Designed for use with the DH-50 horn
- Up to 132 dB SPL at rated power with DH-50
- 100 V line transformer
- IP67-rated protection
- Aluminium housing
- Suitable for exposed environments

IP67

Description

The DST-100 is a high-power 100 W driver unit designed for use with the DH-50 horn in public address and general alarm applications.

Combined with the DH-50, it provides high acoustic output and effective sound distribution across large areas, making it suitable for alarms and announcements where high sound pressure levels are required.

The aluminium housing provides IP67 protection for installation in exposed environments. The DST-100 is designed for 100 V line systems.

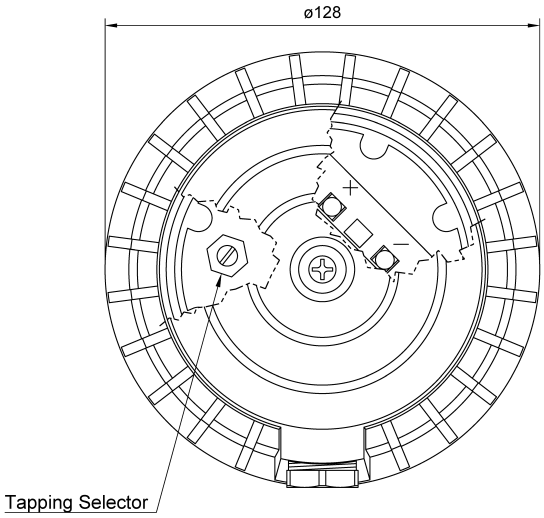
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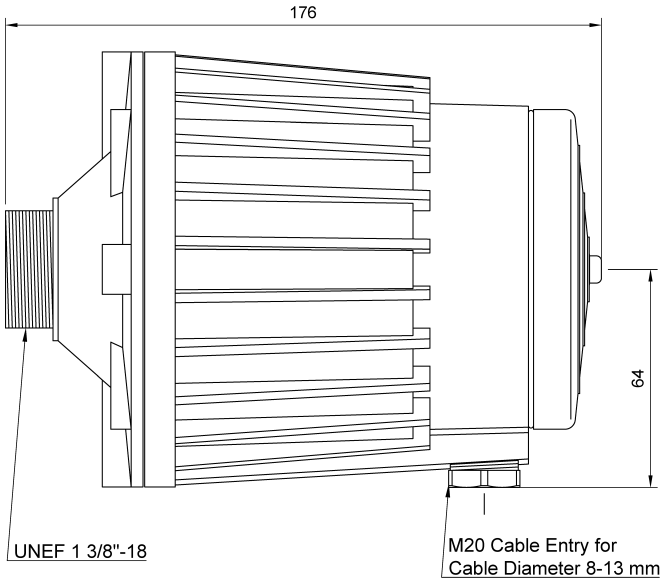
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Technical Dimensions

LEFT VIEW



FRONT VIEW



Secondary switch tappings:

1/1	100W
1/2	60W
1/4	30W
1/8	15W
1/16	7,5W

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Specifications

GENERAL	
Material / Color	Aluminum alloy / RAL 7035
MountinG	Threaded UN EF 13/8 - 18
Termination	Inside screw terminals
Weight driver unit	2.5 kg
IP-rating (UL equivalent)	IP- 67
Max / min amb temp	200 °C / -50 °C
Rated/ max power	100 W / 100 W
SPL 1W/1m with horn	112 dB (DH-50), 110 dB (DH-30)
SPL rated power with horn	132 dB (DH-50), 130 dB (DH-30)
Effective freq range with horn	200 – 5000 Hz (DH-50) 300-5000 Hz (DH-30)
Dispersion (-6dB) 1kHz / 4kHz	50° / 20° (DH-50) 80° / 25° (DH-50)
Options	Impedances, colors, labels
Dispersion	(-6dB)1kHz / 4kHz 140° / 100°
Environmental Condition	Exposed

Used With

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DH-50

IP67 Horn Loudspeaker for Maritime and Industrial Applications

Item Number: 3006100036

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