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DNH Speakers Inc

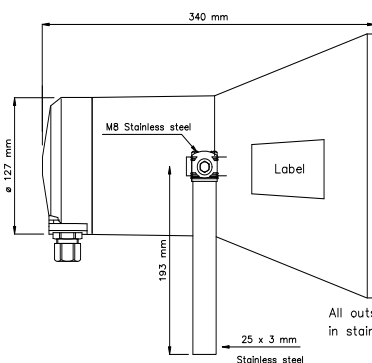
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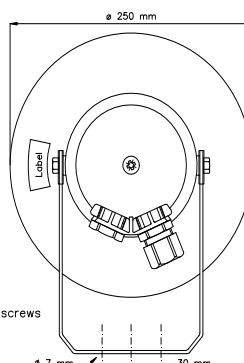
ISO 9001 CERTIFIED

DSP-25EExmN(T)

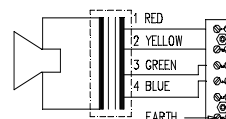


All outside nuts and screws in stainless steel.

Standard model delivered with two M20 Ex approved plastic blinding plugs.

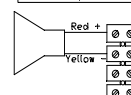


CIRCUIT DIAGRAM



100V line Primary nominal tapings	
1 : 2	25,0 W
2 : 3	12,5 W
3 : 4	6,0 W
1 : 3	4,0 W
2 : 4	2,0 W
1 : 4	1,0 W

Low Impedance



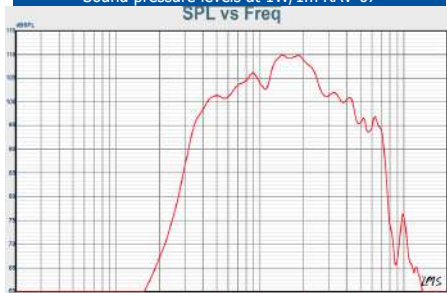
Ex marking:

II 2G Ex db eb mb IIB+Hz / IIC T5 Gb (Zone 1)

Certified:

IECEx, ATEX, Inmetro, UL/CSA, CCC +
Contact Sales for requested certificates and marking for product.

Sound pressure levels at 1W/1m RAV-67



Specifications	IIB	IIC
Material / Color	Anti-static polyamide / Black	
Mounting	Bracket	
Termination	e-chamber, screw terminals	
Weight w/transformer	4,0 kg	
IP-rating (e-chamber)	66	
Max. / min. amb. temp	55°C / -50°C	
Rated power	25 W	
SPL 1W/1m	108 dB	105 dB
SPL rated power	120 dB	116 dB
Effective freq. range	370 – 7500 Hz	400-7000
Dispersion (-6dB) 1kHz / 4kHz	98° / 29°	100° / 30°
Directivity factor, Q 1kHz	3,7	
Options	Impedances, labels, transformers	

Installation, Operation and Maintenance Procedures

- Remove lid by one screw, lead cable through the cable gland and connect to terminal with required tapping.
- Screw lid back into place by one screw with a torque of 3Nm to assure the IP rating.
- Fasten bracket with one to three screws.
- To change the position of the loudspeaker, please adjust the standard U- bracket (by loosening / tightening the screws) as required.
- Use only certified/specified cable glands and blinding plugs, reflecting the same IP rating and temperature range as the loudspeaker.
- Standard model delivered with two M20 Ex approved plastic blinding plugs.
- For optimum performance, always use the correct voltage / power and operate within the frequency limits as stated.
- Do not open loudspeaker when energized.
- This loudspeaker is supplied with two years warranty against defective workmanship.

DNH reserves the right to alter specifications without notice.



[https://dnhs.sharepoint.com/sites/Teknisk/Datamark/Ex_EEx/Antistatic polyamide DSP-25EExmN\(1\).doc](https://dnhs.sharepoint.com/sites/Teknisk/Datamark/Ex_EEx/Antistatic polyamide DSP-25EExmN(1).doc)

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