

# DSP15-25EX

## HAZARDOUS AREA HORN LOUDSPEAKER



DS-179 Issue 02

Thank you for your interest in Ziztel - we are a UK based manufacturer of PAGA and Intercom products. Our systems are mainly designed for use in the Hazardous Oil, Gas and Petrochemical industries.

Consequently our products are very robust and designed to comply with international standards.

Please do not hesitate to contact us for further information on our products we look forward to working with you on a project soon...

### ZIZTEL DSP15-25EX HAZARDOUS AREA HORN LOUDSPEAKER

*Lightweight Plastic Horn*

*ATEX, IEC, CQST and GOST Certification Available*

*Available in 70V or 100V line version*

*E-Chamber Push Terminals*

The DSP15-25Ex is a 25W lightweight plastic horn loudspeaker certified for use in gas group IIB or IIC.

The loudspeaker is available with ATEX, IEC, CQST and GOST certification.

The loudspeaker is available in a 70V or 100V line version.



#### Primary Nominal Tappings

Tap	Power
1:2	25.0W
2:3	15.0W
3:4	6.5W
1:3	5.0W
2:4	2.5W
1:4	1.5W

ATEX Type Marking	Ambient Temperature
DSP-15EExmNs(T) II 2G Ex d e mb IIB+H2/IIC T4 Gb II 2D Ex tb IIIC T127°C	-50°C ≤ Ta ≤ +40°C
DSP-15EExmNMs(T) II 2G Ex d e mb IIB+H2/IIC T4 Gb II 2D Ex tb IIIC T127°C	-50°C ≤ Ta ≤ +40°C
DSP-15EExmN(T) II 2G Ex d e mb IIB+H2/IIC T4 Gb II 2D Ex tb IIIC T105°C	-50°C ≤ Ta ≤ +50°C
DSP-15EExmNM(T) II 2G Ex d e mb IIB+H2/IIC T4 Gb II 2D Ex tb IIIC T105°C	-50°C ≤ Ta ≤ +50°C

ZIZTEL LIMITED

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<b>Technical Specification</b>		
	<b>Group IIB</b>	<b>Group IIC</b>
Material	Anti-Static PA	Anti-Static PA
Colour	Black	Black
Mounting	Bracket	Bracket
Termination	E-Chamber push terminals	E-Chamber push terminals
Weight with Transformer	2.2Kg	2.2Kg
IP-Rating	66	67
Minimum Ambient Temperature	-50°C	-50°C
Maximum Ambient Temperature	50°C	50°C
SPL at 1W/1m	105dB	102dB
SPL rated power 15W version	116dB	102dB
SPL rated power 25W Version	118dB	116dB
Effective Frequency Range	380-7,000 Hz	450-6,000 Hz
Dispersion (-6dB) 1kH/4kHz	200° / 50°	105° / 335°
Directivity Factor, Q (1kHz)	1.8	1.8

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