1-32-040 / Non-sparking signals

E2xL25 PA Loudspeaker 25W

The hazardous area E2xL25 PA loudspeaker is UL approved for Class I Div 2 applications.

The E2xL25 is available with either a 70V or 100V line transformer or as a low impedance loudspeaker.
The E2x range features enclosures manufactured from lightweight, corrosion proof PPS and high impact, fire retardant ABS re-entrant flare horns; both of which are suitable for the harshest of environments.

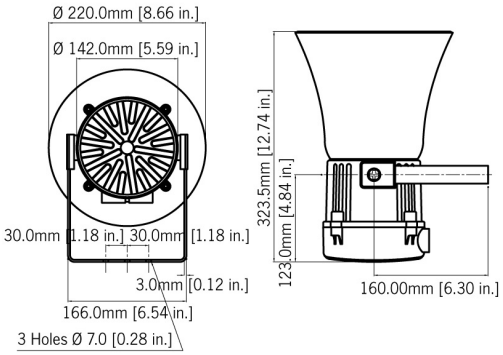
Features

- Very large termination area.
- Ratchet adjustable stainless steel 'U' bracket.
- Transformer type fitted with thermal fuse
- Complies with BS5839 part 8

Approvals

- UL File ref: E230764





Specification

SPL:	111dB +/-3dB @ 1w @ 1m (Pink) 124dB +/-3dB @ 25w @ 1m (Rated)
Rated power:	25 Watts RMS
70v line tappings:	25w / 12.5w / 6w / 2w tappings (z=196 Ohms / 392 Ohms / 816.67 Ohms / 2.45k Ohms)
100v line tappings:	25w / 12.5w / 6w / 2w tappings (z=400 Ohms / 800 Ohms / 1.67k Ohms / 5k Ohms)
Low impedence:	8 Ohm or 16 Ohm
Dispersion:	130° @ 1kHz & 32° @ 4kHz
Frequency range:	300Hz to 8000 Hz
DC Line monitoring:	2.2µF Capacitor (Transformer version)
Ingress protection:	UL: Type 4, 4X & 13
Housing material:	UL94V0 PPS & ABS
ATEX cable entries:	2 x M20 ISO cable gland entries - with 1 blanking plug.
UL cable entries:	1 x 1/2"NPT cable gland entry & 1 x M20 with blanking plug
Terminals (ATEX):	0.5 to 4.0mm² - In & Out
Weight:	Low impedance: 2.75kg/6.05lbs Transformer: 3.25kg/7.15lbs

*SPL data +/-3dB(A). Measured at optimum voltage.

Part Codes

Part Code: UL version:	Classification:
E2xL25UL**	Class I, Div 2, Grps A,B,C,D T2C (230°C) at +55°C Class I, Div 2, Grps A,B,C,D T2D (215°C) at +40°C Class II, Div 2, Grps F & G T5 (100°C) at +55°C Class II, Div 2, Grps F & G T6 (85°C) at +40°C Class III, Divs 1 & 2, T5 (100°C) at +55°C Class III, Divs 1 & 2, T6 (85°C) at +40°C

** = Type reference:

Options:	70V	70V Line transformer
	100V	100V Line transformer
	8R	8 Ohm low impedance
	16R	16 Ohm low impedance

e.g: E2xL25UL100V

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.