

E2xB05 Xenon Strobe 5 Joule

The hazardous area E2xB05 Xenon strobe beacon is UL/cULs approved for Class I Div 2 and Class II Div 2 as well as IECEx and ATEX certified for Zone 2 and 22 applications.

The E2xB05 is a 5 Joule Xenon strobe beacon with a 1Hz (60 fpm) flash rate. The E2x range features enclosures manufactured from lightweight, high performance PPS which, with its corrosion proof properties, is suitable for the harshest of environments.

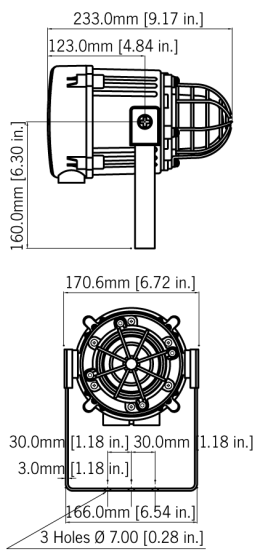
Features

- Very large termination area.
- Ratchet adjustable stainless steel 'U' bracket.
- Stainless Steel dome guard as standard
- Xenon tube mechanically secured against vibration & shock.
- User replaceable Xenon tube assembly.

Approvals

- ATEX certificate: DEMKO 06 ATEX 042 1554X,
EN60079-0:2012+A11:2013,
EN60079-15:2010,
EN60079-31:2014
- IECEx certificate: IECEx ULD 14.0012X,
IEC 60079-0:2011,
IEC 60079-15:2010,
IEC 60079-31:2013
- UL File ref: E245313





Specification

Energy:	5 Joules (5Ws)
Flash rate:	1Hz (60 fpm)
Peak Candela:	500,000 cd - calculated from energy (J)
Effective Intensity cd:	250 cd - calculated from energy (J)
Peak Candela:	31,950 cd* - measured ref. to I.E.S.
Effective Intensity cd:	101 cd* - measured ref. to I.E.S.
Lens colours:	Amber, Blue, Clear, Green, Red & Yellow
Voltages DC:	12Vdc; 24Vdc; 48Vdc
Voltages AC:	115Vac; 230Vac
Ingress protection:	IECEX/ATEX: IP66 & IP67 UL: Type 4, 4X & 13
Housing material:	UL94V0 PPS & ABS
Cable entries:	Dual M20x1.5 or 1/2"NPT
Terminals:	0.5 to 2.5mm ² - In & Out
Weight:	1.48kg/3.25lbs

* All candela data is representative of performance with clear lens at optimum voltage.

Classification:

UL/cULs:	Class I, Div 2, ABCD T2D (215°C) at +55°C Class I, Div 2, ABCD T3 (200°C) at +40°C Class II, Div 2, FG T5 (100°C) at +55°C Class II, Div 2, FG T6 (85°C) at +40°C Class III, Div 1&2, T5 (100°C) at +55°C Class III, Div 1&2, T6 (85°C) at +40°C
IECEX/ATEX:	II 3G Ex nA IIC T3 Gc Ta. -20°C to +40°C II 3G Ex nA IIC T2 Gc Ta. -20°C to +55°C II 3D Ex tc IIIC T85°C Dc Ta. -20°C to +40°C IP64 II 3D Ex tc IIIC T100°C Dc Ta. -20°C to +55°C IP64

Part Codes

Part Code:	Ident.:	Description:
Product type:	E2xB05	
Voltage:	AC115 AC230 DC012 DC024 DC048	115V ac 50/60Hz 230V ac 50/60Hz 12V dc 24V dc 48V dc
Cable entries:	A B C	M20x1.5 & ½" NPT M20x1.5 & M20x1.5 ½" NPT & ½" NPT
Bracket & Guard:	1 2	304 (A2) Stainless Steel 316 (A4) Stainless Steel
Approvals:	A1	UL, cULs, IECEx & ATEX
Enclosure:	B	Black
Lens colour:	A B C G R Y	Amber Blue Clear Green Red Yellow

e.g: E2xB05DC024A1A1B/R E2x 5 Joule Xenon Beacon in 24Vdc with dual 1/2" NPT entries. Approved to IECEx, ATEX & UL. Black enclosure with Red lens.

Replacement Xenon flash tube: FTASSYE2X

Current Consumption

Version:	Voltage:	Current:
12V dc	10-14V dc	520mA
24V dc	20-28V dc	275mA
48V dc	42-58V dc	145mA
115V ac	50/60Hz	+/-10% 80mA
230V ac	50/60Hz	+/-10% 30mA