

Data Sheet

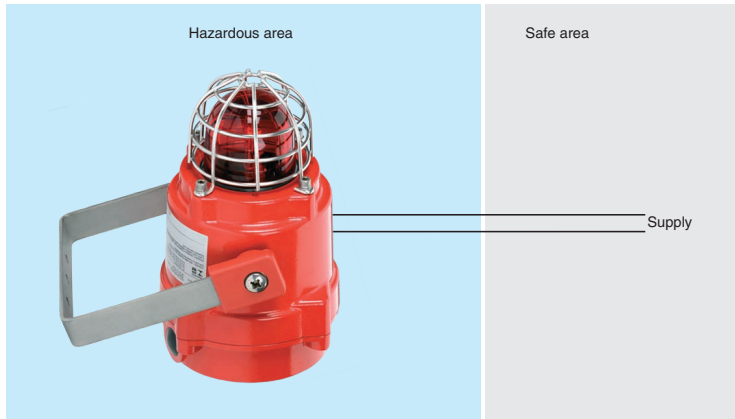
BEXBG05D



Supplied by

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SPECIFICATION

Power Supply			
Model	24Vdc	115Vac	230Vac
Voltage	18 to 28V dc	115V±10%	230V±10%
Current	270mA	140mA	55mA

Output	
Energy	5 Joules
Colour	Xenon flash through clear or coloured lens.
Frequency	1Hz (Synchronised).

Certification
Europe ATEX
Code

Group II Category 2G
Ex d IIC T6 Tamb -50 to 40°C
Ex d IIC T5 Tamb -50 to 55°C
Ex d IIC T4 Tamb -50 to 70°C
and Group II Category 2D
Ex tD A21 IP67 T85 Tamb +40°C
Ex tD A21 IP67 T100 Tamb +55°C
Ex tD A21 IP67 T115 Tamb +70°C

Certificate no.	KEMA 00ATEX2006
Location	
Gas	Zone 1 or 2
Dust	Zone 21 or 22

End of line monitoring A resistor or diode may be fitted inside the enclosure monitoring for line continuity. The resistor must have a minimum value of 3,300Ω and a minimum power rating of 0.5W, or a minimum value of 500Ω and a minimum power rating of 2W. (24V model only)

International IECEx
Code

Ex d IIC T6 Ta -50°C to 40°C
Ex d IIC T5 Ta -50°C to 55°C
Ex d IIC T4 Ta -50°C to 70°C
and Ex tD A21 IP67 T85 Ta +40°C
Ex tD A21 IP67 T100 Ta +55°C
Ex tD A21 IP67 T115 Ta +70°C

Certificate no.	IECEx KEM 10.0002
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Environmental

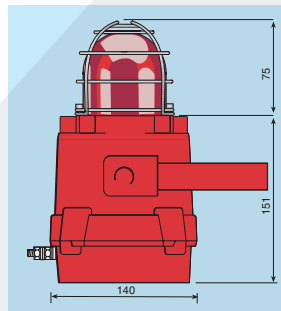
Operating temp	-50 to 70°C (See certificate)
Storage	-50 to 70°C
Humidity	To 95% at 40°C
Enclosure	IP67 with two M20 tapped cable entries.
EMC	In accordance with EU Directive 2004/108/EC

Mechanical

Enclosure	
Body	Marine grade LM6 phosphated and powder coated, providing good resistance to high humidity and salt spray
Lens	Glass
Glass guard & fittings	Stainless steel
Terminals	Screw clamp for two 4mm ² cables
Cable entry	Two tapped M20
Weight	2.5kg

Accessories

Pipe mounting kit.	BA393 stainless steel heavy duty using 'V' bolt for 40 - 80mm outside diameter vertical or horizontal pipe.
Tag plate	Etched stainless steel plate fitted to beacon 'U' bracket.



HOW TO ORDER

	Please specify
Voltage	24V dc; 115V ac or 230V ac
Lens colour	Red; amber; yellow; green; blue or clear

Accessories

Pipe mounting kit	BA393
Tag plate	Legend required

BExBG05D

Flashing beacon

Flameproof for use in gas & dust hazardous areas

- ◆ Flameproof ATEX & IECEx gas and dust certification.
- ◆ 5 joule output
- ◆ Rugged IP67 enclosure.
- ◆ Stainless steel lens guard.
- ◆ Auto synchronised flash.

www.beka.co.uk/bexbg05d

The BExBG05D is a bright flashing xenon beacon for use in hazardous areas. Housed in a robust IP67 enclosure it is suitable for exterior mounting and is available with coloured lenses to aid alarm identification.

Main application of the BExBG05D is to provide a visual warning in noisy areas where a sounder may not be heard, or to supplement a sounder warning. The beacon produces a regular bright flash once every second and will attract attention in most ambient lighting conditions.

ATEX and IECEx flameproof certification allows the beacon to be installed in Zones 1, 2, 21 & 22 and to be used with most industrial gases.

Higher output 10 and 15 joule beacons are also available.



BEKA
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