

# BExTBG05D EEx ATEX 5 Joule Telephone Initiated Xenon Warning Beacon



**comsec**  
protection systems



- 5 Joule Xenon : 1Hz (60 FPM) (5 Ws).
- BExTBG05D : EEx d IIC T5 (Tamb. -50 to +55°C)  
EEx d IIC T6 (Tamb. -50 to +40°C)
- ATEX / CENELEC / FTZU / GOST R
- Suitable for Zone 1, 2, 21 & 22, Gas Groups IIC IIB & IIA
- Voltages : 115vac; 230vac
- Six lens colours available : Amber, Blue, Clear, Green, Red & Yellow
- Tube life : emissions reduced to 70% after 8 million flashes
- Xenon tubes mechanically secured against shock/vibration
- BExTBG05D : IP67
- Enclosure material : Marine grade LM6 Aluminium
- Chromated & powder coated finish - good resistance to humidity and salt spray environments.
- Glass lens & Stainless Steel guard.
- Colour available : Red (RAL3000)
- Operating temperature : -50 to +55°C (EExd IIC T5)  
-50 to +40°C (EExd IIC T6)
- Storage temperature : -50 to +70°C
- Weight : 2.45kg
- KEMA Certificate number : 00ATEX2006 X

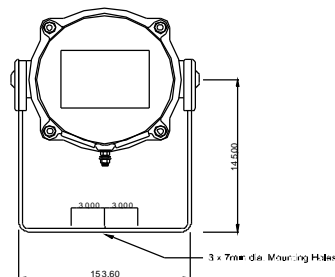
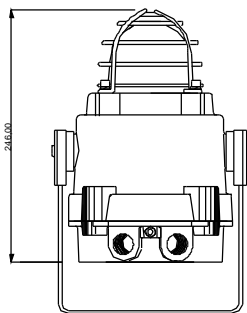
### BExTBG05D

Flameproof & Dust ignition proof telephone initiated beacons

Zones 1, 2, 21 & 22

- II 2G/D EEx d IIC T5 T100°C
- II 2G/D EEx d IIC T6 T85°C

- The ring tone detect circuit senses the ringing voltage on the telephone line and switches the supply onto signal until the telephone is answered.



All dimensions are in millimetres.

### Installation Features.

- Very large termination area.
- Dual M20 ISO cable gland entries (supplied with one stopping plug).
- Ratchet adjustable stainless steel 'U' bracket for positive adjustment under harsh conditions.
- IN & OUT terminals
- Terminals accept 0.5 to 4.0mm<sup>2</sup> cables.
- Telephone line ringing voltage switches power (115vac or 230vac) to enable beacon to operate.

Input voltages and current consumption for the BExTBG05D telephone initiated xenon beacon:

Voltage :	115vac	230vac
	50/60Hz	50/60Hz
Voltage range :	+/- 10%	+/- 10%
Current mA :	140mA	55mA

Multiple-unit configurations are available on stainless mounting plates. Combine 2, 3 or 4 devices - alarm sounders, loudspeakers, beacons. If required, units can be pre-wired to minimise installation time.



### Also available :

- BEx(D)S110 & 120 EEx d & EEx de sounder units.
- Programmable versions with 45 tones and 4 stages.
- BEx(D)A110 & A120 EEx d & EEx de Voice Annunciation units.
- BExBG EEx d & EEx de 10 & 15 Joule Xenon beacons
- BEx(D)L15 & 25 watt EEx d & EEx de loudspeakers.
- BEx(D)TS110 & BExTBG05 EEx d Telephone ringers and beacons.

Ordering code :

BExTBG05

D

230AC

AM

Product
BExTBG05

Housing
D
EE d IC

Voltage
115AC
230AC

Lens	
AM	Amber
BL	Blue
CL	Clear
GN	Green
RD	Red
YW	Yellow

TSP2411-C