

BExTBG05D EEx ATEX 5 Joule Telephone Initiated Xenon Warning Beacon



- 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



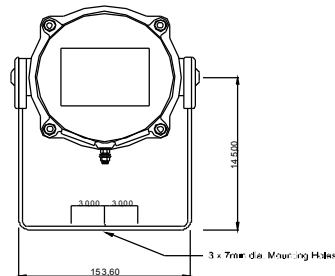
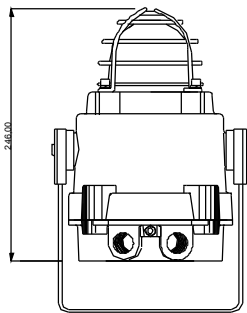
BExTBG05D
Flameproof & Dust ignition proof telephone initiated beacons
Zones 1, 2, 21 & 22

- 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.

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 4.0mm² cables.
- Telephone line ringing voltage switches power (115vac or 230vac) to enable beacon to operate.



All dimensions are in millimetres.

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 IIC |

| Voltage |
|---------|
| 115AC |
| 230AC |

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