



BExCS110-05D

Combined sounder and flashing beacon

Flameproof for use in gas & dust hazardous areas

- ◆ Flameproof
ATEX gas
or ATEX gas & dust
- ◆ High output sounder
110dB(A) typical
5 joule Beacon
- ◆ IP67 protection
- ◆ 32 different sounds
- ◆ Second & third stage sounds

The BExCS110-05D is a flameproof combined sounder and flashing beacon for use in hazardous areas. Separate terminals for the sounder and beacon enable each to be controlled individually and a wide selection of lens colours plus 32 different sound outputs result in a versatile device which will satisfy most applicational requirements.

Three different sounds may be remotely selected so that one combined sounder and beacon can indicate three different alarm conditions. When maximum loudness is not required, the level may be reduced by an internal volume control.

The beacon produces a regular bright flash once every second and will attract attention in most lighting conditions.



BEKA

associates

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SPECIFICATION

Power Supply

| | | | |
|---------|---------------|----------|----------|
| Model | 24Vdc | 115Vac | 230Vac |
| Voltage | 20 to 28V dc | 115V±10% | 230V±10% |
| Current | sounder 250mA | 110mA | 56mA |
| | beacon 270mA | 140mA | 55mA |

Output

| | |
|---------|--|
| Sounder | 110dB(A) nominal ±3dB at 1m 32 selectable sounds Three stage output |
| Beacon | 5 joule Xenon at 1Hz Choice of six lens colours: amber, blue, clear, green, red, yellow |

Certification flameproof

| | | |
|---------------|---|-----------------------------------|
| Standard Code | EN50014:1977 and EN50018:2000 Group II Category 2G EExd IIB T4 Tamb -50 to +55°C or Group II Category 2GD T100°C IP67 EExd IIB T4 T100°C | } Dust option See How to Order |
| Cert. No. | KEMA01ATEX2223 | |
| Location | Zone 1 or 2 | |
| Gas | Zone 21 or 22 | |
| Dust | A resistor or diode may be fitted inside the enclosure for monitoring 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 | |

Environmental

| | |
|-----------------|---|
| Operating temp. | -50 to +55°C |
| Storage temp. | -50 to +70°C |
| Enclosure | IP67 with good resistance to high humidity & salt spray |

Mechanical

| | |
|-----------------------|---|
| Enclosure material | |
| Body | Marine grade LM6 aluminium, chromated & powder coated finish. |
| Horn | High impact UL94 V0 & 5VA FR ABS |
| Lens | Glass |
| Lens guard & fittings | Stainless steel |
| Terminals | Screw clamp for 0.5 – 4mm ² cables |
| Cable entry | Two M20, one fitted with stopping plug |
| Weight | 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

| | |
|-----------------------------------|--|
| Certification & Model No. | |
| ATEX gas cert. | BExCS110-05D |
| or ATEX gas & dust certification. | BExDCS110-05D |
| Voltage | 24V dc; 115V ac or 230V ac |
| Lens colour | Red; amber; yellow; green; blue or clear |

Accessories

| | |
|-----------|-----------------|
| Tag plate | Legend required |
|-----------|-----------------|

NB Important note The BExCS110-05D & BExDCS110-05D are not for sale, re-sale, installation or use within the United States of America as a sole, multiple integrated or incorporated unit.

