



Ex Combination Alarm

5 Joule Xenon Beacon and S110 Sounder



FEATURES

- Xenon tubes mechanically secured against shock & vibration
- Glass Lens & Stainless Steel Guard
- Large Termination Area
- Ratchet adjustable stainless steel 'U' bracket
- IP66 and IP67
- RAL3000 Red Colour
- Dual M20 ISO Cable Entries
- 32 Alarm Tones (UKOOA/PFEER compliant)
- Marine grade copper free LM6 Aluminium
- Anti-corrosion
- Tube life: Emissions are reduced to 70% after 8 million flashes

These certified beacon/sounder have been designed for use in harsh environmental conditions.

The beacons are used in many applications with GAI-Tronics products and systems.

The flameproof combination alarm sounders and Xenon beacons are suitable for Zone 1 & Zone 2 applications.

Sound level outputs are up to 117dBA at 1 metre with a choice of 32 alarm tones and 3 remotely selectable stages.

Sounder & beacon may be connected from a single supply for simultaneous operation or from separate supplies for independent operation

Units can be painted to customer specification and fitted with identification labels if required.

Accessories

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	5 Joule Beacons	Sounder
OPERATING TEMPERATURE	-50°C to +70°C (ATEX/IECEX); -50°C to +55°C (GOST)	
INGRESS PROTECTION	IP66 & IP67	
TERMINALS	0.5 to 4.0mm ²	
OPTIONS	Telephone initiation or relay interface	
ENTRIES	Dual M20 ISO (one stopping plug included)	
CERTIFICATION	ATEX/ IECEX : II 2G Ex d IIB T4 Ta. -50°C to +70°C Cert No. : KEMA 01ATEX2223X/ IECEX KEM 10.00025 GOST-R : 1ExdIIBT4 -50°C to +55°C Cert No. : POCC GB.JB05.B02205	
MATERIAL	Housing materials : Marine grade copper free LM6 Aluminium Housing finish : Phosphated & powder coated finish- anti-corrosion (Beacon Tube: Xenon; Lens: glass)	
FINISH	RAL300 Red or to customers' specification	
WEIGHT	AC Models- 5.00kg; DC Models- 4.80kg	
LINE MONITORING	Min. 500 Ohm 2w, or 3k3 Ohm 0.5w res. Or diode (dc versions)	
OUTPUT (MAX)	-	117dBA @ 1 metre
EFFECTIVE (PEAK) INTENSITY	105cd	-
FLASH RATE/EFFECTIVE RANGE	1Hz (60fpm)	100m @ 1KHz
LENS COLOURS	Amber, Blue, Clear, Green, Red & Yellow	
DIMENSIONS		

PART NUMBER	Current Consumption	Beacons	Sounder
BExCS11005D12	10-14 Vdc +/-25%	750mA	195mA
BExCS11005D24	20-28 Vdc +/-25%	300mA	265mA
BExCS11005D48	42-54 Vdc +/-25%	180mA	130mA
BExCS11005D115	115 Vac 50/60Hz +/-10%	140mA	110mA
BExCS11005D230	230 Vac 50/60Hz +/-10%	55mA	56mA



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 The policy of GAI-Tronics is one of continuous improvement; therefore the company reserves the right to change specifications without notice.