



BHB125-X

BHB150-X



- Combined sounder, beacon and activation button fitted on mounting plate
- 63 Alarm tones
- 4 Stages of alarm output

BHB125-X / 150-X Multi Way Combination Unit is designed according to ATEX and IECEx standards. This product is certified for use and installation in Zone 1 and Zone 2 areas with gas groups IIA, IIB, IIC and temperature class T4-T6. It especially applies to Oil & Gas, Offshore Platforms, Chemical, Petrochemical, Refinery and Marine Industries for hazardous areas. The combined unit has 3 stages of alarm output. 63 tones are selectable. It has telephone initiated function and can be used as the second ring output and indicator of industrial telephones which apply to special location where the environment is noisy on the engineering site.

The design of the combination with a push button is unique. Sounder mute or on-site activation functions can be achieved by combining the push button. When the button is pushed down, sounder will mute or the whole unit will be activated. The functions are very considerate for the operations of the field service engineers to do the routine testing, maintenance or repairment no matter they want to activate and test the unit on site directly without the assistance of the control room or they need to communicate with the control room by voice in a quiet environment. The mute or activation can be lasted from 30 seconds to 30 minutes with preset by the manufacture upon customer's request. The factory setting is 2 minutes. The push button is self reset type. The unit will be recovered automatically after the mute or activation duration.

Explosion protection

Marking ATEX	Ex II 2 GD Ex d IIC T5 Gb
Certification	PRESAFE 14 ATEX 5382X
Marking IECEx	Ex tb IIC T100°C
Certification	IECEx PRE 14.0045X

Order code BHB

Material	Combination type	Lens Colour	Xenon or LED	Power	Voltage	Cable entries	Finish	Telephone relay
125 - Stainless Steel	2J/P - 1 sounder, 1 beacon and junction box or push button	R - Red	X - Xenon	05 (5 W or 5 J)	AC	A - M20	RD - Red	Y - Yes
150 - GRP	3J/P - 1 sounder, 2 beacon and junction box or push button	Y - Yellow	L - LED	10 (10 W or 10 J)	DC		BK - Black	N - No
	4J/P - 1 sounder, 3 beacon and junction box or push button	B - Blue		15 (15 J)				
		G - Green		21 (21 J)				



Technical data

Tones	63
Sound output	up to 115 dB @ 1 M/1 W
Light source type	Xenon (5 J, 10 J, 15 J or 21 J) or LED (5 w or 10 W)
Flash rate	1Hz
Power supply	DC 12/48 V or AC 100/240 V 50/60Hz
Terminal	up to 2,5 mm ² cable
Cable Entry	3 x M20, 1 gland (COD: 9-16) and 2 plugs is standard
Ambient temperature	-40 °C to +70 °C (-40 °C to +60 °C / T5/ T100 °C on standard label) -40 °F to +158 °F (-40 °F to +140 °F)
Material	BHB125-X Enclosure: Stainless steel SS304 Bracket: Stainless steel BHB150-X Enclosure: Corrosion resistance GRP Bracket: Stainless steel
Enclosure finish colour	Red (RAL 3001)
Protection class	IP66
Weight	BHB125-2J 11.0 kg/24.25 lb BHB125-3J 16.7 kg/36.82 lb BHB125-4J 22.5 kg/49.60 lb BHB150-2 10.4 kg/22.93 lb BHB150-3 14.5 kg/31.97 lb BHB150-4 19.0 kg/41.89 lb
Dimensions	BHB125-2J 532 mm x 185 mm x 234 mm 20.95" x 7.28" x 9.21" BHB125-3J 682 mm x 185 mm x 234 mm 26.85" x 7.28" x 9.21" BHB125-4J 822 mm x 185 mm x 234 mm 32.36" x 7.28" x 9.21" BHB150-2 517 mm x 200 mm x 300 mm 20.35" x 7.87" x 11.81" BHB150-3 686 mm x 200 mm x 300 mm 27.01" x 7.87" x 11.81" BHB150-4 855 mm x 200 mm x 300 mm 33.66" x 7.87" x 11.81"

Nominal current

	LED 10 W	Xenon 10 J	Xenon 20 J
DC 12 V	1100 mA	850 mA	NA
DC 24 V	530 mA	490 mA	960 mA
DC 48 V	240 mA	250 mA	480 mA
AC 110 V	160 mA	100 mA	180 mA
AC 220 V	80 mA	60 mA	110 mA